

20040218.qrp v03_n200.qrl.20040218

Date: Wed, 18 Feb 2004 19:03:12 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3200

QRP-L Digest 3200

Topics covered in this issue include:

- 1) [168247] Re: [Elmer 160] FPP and virtual comm ports
by "Craig Johnson" <cbjohns@cbjohns.com>
- 2) [168248] Re: New Reactor Puts Hydrogen From Renewable Fuels Within Reach
by chuck shinn <chuck.shinn@connect.net>
- 3) [168249] Re: New Reactor Puts Hydrogen From Renewable Fuels Within Reach
by Ed Tanton <n4xy@earthlink.net>
- 4) [168250] Re: CW Learning Curves?
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
- 5) [168251] Re: New Reactor Puts Hydrogen From Renewable Fuels Within Reach
by "Chris Trask" <chistrask@earthlink.net>
- 6) [168252] Re: CW Learning Curves?
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
- 7) [168253] FS; Mizuho MX-6S (QRP) & PL-6S amp (QRO)
by "John Cook" <otterc@earthlink.net>
- 8) [168254] 2n2 40 board
by Ed Howell <kb2nto@yahoo.com>
- 9) [168255] Pic-El crosses Pacific
by Mike Newman <mnewman@clear.net.nz>
- 10) [168256] Lots of DX on CW the next few evenings.....
by "John Harper AE5X" <john@ae5x.com>
- 11) [168257] Re: CW Learning Curves?
by "AD4MZ Bob C" <ellyncooley@earthlink.net>
- 12) [168258] [ELMER 160] Me too! Mine lit up! Also some LCD stuff
by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 13) [168259] FOX: Triple again
by Karl Larsen <k5di@zianet.com>
- 14) [168260] Re: New Reactor Puts Hydrogen From Renewable Fuels Within Reach
by "DTX" <dtx@wood.tzo.com>
- 15) [168261] Rock-Mite-RTTY and DSWMULTI schematics *should* be clearly viewable
by all now...
by <bill@n4qa.com>
- 16) [168262] DX booming in on 40 Metres
by "W.D. (Doc) Lindsey" <dock0evz@earthlink.net>
- 17) [168263] Re: FOX: Triple again
by "Tom Palmer" <n1tp@swfla.rr.com>
- 18) [168264] RE: New Reactor Puts Hydrogen From Renewable Fuels Within Reach
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>

- 19) [168265] Re: head copy
by Tim Groat <tcgroat@earthlink.net>
- 20) [168266] Re: FOX: Triple again
by "George, W5YR" <w5yr@att.net>
- 21) [168267] Powerballs for hydrogen fuel cells
by "Jason Hsu" <jhs001@heronetwork.com>
- 22) [168268] FOX: K5TR Log - Hunt 34
by George Fremin III <geoiii@kkn.net>
- 23) [168269] Re: CW Learning Curves?
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
- 24) [168270] Re: FOX: Triple again
by WJuergens@t-online.de (Wolf-Ruediger Juergens)
- 25) [168271] Re: [fpqrp] morse makes the local news
by Tom Severt <n2uhc@yahoo.com>
- 26) [168272] Tiger tails for HT antennas with SMAs
by "Jason Hsu" <jhs001@heronetwork.com>
- 27) [168273] FOX: Left Coast Twofer Shuffle...
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 28) [168274] NETXQRP Club Meeting, Sat 21 February
by Chuck Carpenter <w5usj@9plus.net>
- 29) [168275] Re: FOX: Triple again
by "Pieter Gaskin" <pgaskin@twcnny.rr.com>
- 30) [168276] Re: New Reactor Puts Hydrogen From Renewable Fuels Within Reach
by Karl Larsen <k5di@zianet.com>
- 31) [168277] RE: New Reactor Puts Hydrogen From Renewable Fuels Within Reach
by Ed Tanton <n4xy@earthlink.net>
- 32) [168278] Re: FOX: Triple again
by Karl Larsen <k5di@zianet.com>
- 33) [168279] Re: New Reactor Puts Hydrogen From Renewable Fuels Within Reach
by chuck shinn <chuck.shinn@connect.net>
- 34) [168280] Elmer 160 Test pont E was stolen !!!
by Jean Jibouleau <jiboulj@globetrotter.net>
- 35) [168281] Re: Wanted: Index Labs QRP+
by Dan Wolfe <n4roa@mounet.com>
- 36) [168282] Morse code makes the National news!
by Lloyd Lachow <llachow@yahoo.com>
- 37) [168283] Micro908 status??
by John Kalotai <n1olo@yahoo.com>
- 38) [168284] RE: Pic-El crosses Pacific
by "Vilhjalmur Sigurjonsson" <tf3vst@vortex.is>
- 39) [168285] The Iowa QRP Club CW Net
by Mark Milburn <mark.milburn@ispwest.com>
- 40) [168286] Re: [fpqrp] morse makes the local news
by "Sam Binkley" <sbinkley1@cox.net>
- 41) [168287] RE: Tiger tails for HT antennas with SMAs
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
- 42) [168288] RE: Morse code makes the National news!
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>

- 43) [168289] RE: Morse code makes the National news!
by Lloyd Lachow <llachow@yahoo.com>
- 44) [168290] Fox: Great Showing for NY Hams!
by tjennin2@rochester.rr.com
- 45) [168291] XG1 QSO ???
by lostmessages@comcast.net
- 46) [168292] What about conservation? (RE: New Reactor Puts Hydrogen From Renewable Fuels Within Reach)
by Brad Thompson <Brad.Thompson@valley.net>
- 47) [168293] Receiver Happy Dance
by Ed Tanton <n4xy@earthlink.net>
- 48) [168294] Wanted Noreaster manual
by "Mark G Janzer" <mjanzer@hal-pc.org>
- 49) [168295] Re: New Reactor Puts Hydrogen From Renewable Fuels Within Reach
by "Chris Trask" <chistrask@earthlink.net>
- 50) [168296] FS: Variable Capacitor
by "John" <johndorson@worldshare.net>
- 51) [168297] Re: CW Learning Curves?
by "AD4MZ Bob C" <ellyncooley@earthlink.net>
- 52) [168298] Re: CW Learning Curves?
by "AD4MZ Bob C" <ellyncooley@earthlink.net>
- 53) [168299] Re: CW Learning Curves?
by "AD4MZ Bob C" <ellyncooley@earthlink.net>
- 54) [168300] Re: NETXQRP Club Meeting, Sat 21 February
by "George, W5YR" <w5yr@att.net>
- 55) [168301] OT: NEED ICOM HT PART
by "James Kelley" <k4ybb@earthlink.net>
- 56) [168302] Re: FOX: K5TR Log - Hunt 34
by "palmer_t" <ThomasPalmer@colliergov.net>
- 57) [168303] Re: [ELMER 160] Answers to Lesson 7 homework
by "kennymac" <killmodell@earthlink.net>
- 58) [168304] Re: CW Learning Curves?
by "AD4MZ Bob C" <ellyncooley@earthlink.net>
- 59) [168305] Re: FOX: Triple again
by WJuergens@t-online.de (Wolf-Ruediger Juergens)
- 60) [168306] Re: CW Learning Curves?
by "AD4MZ Bob C" <ellyncooley@earthlink.net>
- 61) [168307] Re: Morse code makes the National news!
by Brian <brian@iquest.net>
- 62) [168308] FOX: W8RU Fox Log (long)
by Ron Majewski <bigsky2000@sbcglobal.net>
- 63) [168309] Source for Terminal Headers
by James Stamper <jstamper@shentel.net>
- 64) [168310] elmer 160 software newbie question
by Daniel Brinneman <daniel-k2@juno.com>
- 65) [168311] Fwd: Z Antennas
by Dan Presley <dpresley1@comcast.net>
- 66) [168312] Elmer 160: ASM vs HEX

by <n2go@arrl.net>
67) [168313] F/A-18A Hornet on eBay: Are Batteries Included?
by "Chris Trask" <chistrask@earthlink.net>
68) [168314] Re: FOX: K5TR Log - Hunt 34
by Hank Kohl K8DD <k8dd@arrl.net>
69) [168315] DSL noise?
by JClinton46@aol.com
70) [168316] Re: Elmer 160: ASM vs HEX
by "John J. McDonough" <wb8rcr@arrl.net>
71) [168317] Re: elmer 160 software newbie question
by "John J. McDonough" <wb8rcr@arrl.net>
72) [168318] FOX & KX1
by "Ken Kirkley" <no4d@charter.net>
73) [168319] Re: DSL noise?
by "sjolin" <sjolin@swbell.net>
74) [168320] OT: BATT UNIT 4 ICOM IC-2AT
by "James Kelley" <k4ybb@earthlink.net>
75) [168321] Re: Elmer 160: ASM vs HEX
by <n2go@arrl.net>
76) [168322] Re: Logbook of the World
by Bruce Muscolino <w6toy@erols.com>
77) [168323] The future of QRP-L
by Jim Eshleman <jce0@Lehigh.EDU>
78) [168324] FOX: 2 pelts, 5 calls, 5 min
by Jeff Strandberg <wv3b@us.net>
79) [168325] FS: Argosy 525
by "David LeDuc" <dleduc@adelphia.net>
80) [168326] Re: DSL noise?
by Bruce Grubbs <mail@brucegrubbs.com>
81) [168327] Re: FOX: W8RU Fox Log (long)
by "palmer_t" <ThomasPalmer@colliergov.net>
82) [168328] FS- Wilderness NC40A
by "Charles W3KC" <w3kc@starpower.net>
83) [168329] Re: The future of QRP-L
by "Dick" <dick@pascoes.plus.com>
84) [168330] Re: The future of QRP-L
by <n2go@arrl.net>
85) [168331] AZ ScQRPion Paddle Update
by Jerry Haigwood <w5jh@swlink.net>
86) [168332] Re: F/A-18A Hornet on eBay: Are Batteries Included?
by <ah7i@atl.org>
87) [168333] PICEL 160
by "happy tooth" <jrobim@hotmail.com>
88) [168334] Re: FOX: W8RU Fox Log (long)
by John Oppenheimer <john@KN5L.net>
89) [168335] RE: Elmer 160: Lesson 8 - MPLAB Sim behavior
by "KennyMac" <killmodell@earthlink.net>
90) [168336] Re: The future of QRP-L

- by "Ken Kirkley" <no4d@charter.net>
- 91) [168337] RE: The future of QRP-L
by "Boulineau, Lee" <lee.boulineau@attws.com>
- 92) [168338] Re: The future of QRP-L
by "John_Evans" <jae Evans@codenet.net>
- 93) [168339] Re: The future of QRP-L
by "sjolin" <sjolin@swbell.net>
- 94) [168340] Re: The future of QRP-L
by w5xe@juno.com
- 95) [168341] Re: The future of QRP-L
by "David J. Adams" <david@theadamsclan.com>
- 96) [168342] RE: F/A-18A Hornet on eBay: Are Batteries Included?
by "KennyMac" <killmodell@earthlink.net>
- 97) [168343] Re: Fwd: Z Antennas
by <w9ya@arrl.net>
- 98) [168344] RE: Argosy 525
by "David LeDuc" <dleduc@adelphia.net>
- 99) [168345] RE: The future of QRP-L
by "KennyMac" <killmodell@earthlink.net>
- 100) [168346] Re: The future of QRP-L
by "John J. McDonough" <wb8rcr@arrl.net>
- 101) [168347] Re: The future of QRP-L
by <ah7i@atl.org>
- 102) [168348] Re: F/A-18A Hornet on eBay: Are Batteries Included?
by "Chris Trask" <chistrask@earthlink.net>
- 103) [168349] PIC-EL 160 TEMPERATURE SENSITIVE
by "happy tooth" <jrobim@hotmail.com>
- 104) [168350] Re: The future of QRP-L
by "Dale Botkin" <dale@botkin.org>
- 105) [168351] future of qrp-l
by "john gabbard" <johngabbard@usintouch.com>
- 106) [168352] Re: The future of QRP-L
by John Somerville <forthman@shaw.ca>
- 107) [168353] ELMER 160 CTS signal on PIC-EL
by "Carr Family" <acarr@pivot.net>
- 108) [168354] The future of QRP-L
by Rick McKee <kc8aon@juno.com>
- 109) [168355] HB - type 73 ferrite
by James R Giammanco <n5ib@juno.com>
- 110) [168356] FW: The future of QRP-L
by "Andreas Junge - ARRL.NET" <n6nu@arrl.net>
- 111) [168357] Re: The future of QRP-L
by Bob KB2FEL <kb2fel@yahoo.com>
- 112) [168358] Re: The future of QRP-L
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 113) [168359] RE: PIC-EL up and running - 2 questions
by "KennyMac" <killmodell@earthlink.net>

Date: Tue, 17 Feb 2004 17:50:36 -0600
From: "Craig Johnson" <cbjohns@cbjohns.com>
To: <qrp-1@lehigh.edu>
Subject: [168247] Re: [Elmer 160] FPP and virtual comm ports
Message-ID: <013a01c3f5b0\$d76d9c80\$6201a8c0@cbjp2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Phil, John,

>I would be really surprised if that worked. The serial transmit data line
>is used to hold the !MCLR pin high. The actual data goes across DTR. It
>would be very surprising if a parallel converter could figure this out.

>(Stuff Snipped)

>*HOWEVER* - with the help of a MAX232, it would seem to be fairly easy to
>make up a converter that would work. All that would be needed would be to
>route the lines that, say, PARPIC uses to the lines that SERPIC uses and
>adjust the levels. It's just that in order to work with anything "normal",
>a parallel to serial converter is going to take parallel data bits 0-7 and
>run them into a UART to go out over TD. This is clearly not going to work.
>I know Craig fiddled with some simple cables from the parallel port to the
>PIC-EL, but he never got the lines right. If I recall, he was trying to use
>an off the shelf cable which cannot work. But many (maybe all) of the
>PIC-EL inputs can get by with 0-5, so there is a real possibility of making
>up just a cable.

>

>So, my first guess would be ...

>PC->PIC-EL

> 2->4

> 3->7

> 4->3

> 10->8

> 18-25->5

>

This is exactly what I tried, and as John said, it failed.

Here is a more detailed run-down of what I did, in hopes that someone else will want to try it.

I wanted to use FPP and talk to the PIC-EL via the computer's parallel port. FPP does support this, and furthermore, you can tell FPP what pin to use for

each of the signals (Data, clock, MCLR, etc.). Thus, I thought it would be neat if I could use a standard parallel port cable with a 25-pin to 9-pin converter block

at the PIC-EL end of the cable to change some pins to the "expected" locations before connecting to the PIC-EL's RS232 connector.

Unfortunately, the standard 25-pin to 9-pin converter blocks assume you are using it for serial ports. However, through some different pin assignments, it can get very close to working. To do this, I had to make a temporary jumper on the PIC-EL RS232 connector from Pin 4 to previously unused Pin 6 (reason later). Then I made the following assignments in FPP with a parallel port, LPT1, selected:

Assign Clock out on parallel port pin 4 - gets passed to pin 7 by the 25 to 9 converter block. OK!

Assign MCLR on parallel port pin 2 - gets passed to pin 3 by the 25 to 9 converter block. OK!

Assign Data In on parallel port pin 5 - gets passed to pin 8 by the 25 to 9 converter block OK!

Assign Data Out on parallel port pin 6 - gets passed to pin 6 by the 25 to 9 converted block. OK !!!!

This last one is the only tricky one. In serial mode, Data Out was passed to the PIC-EL

programmer via RS232 pin 4. However, because we have pin 4 and 6 are jumpered together

at the 9-pin connector on the PIC-EL board, we will use the parallel port's Data Bit 4

signal on pin 6 for the data out signal. It will go to pin 6 on the PIC-EL board,

which is now jumpered to Pin 4 on the board. Thus, the PIC-EL programmer will still use

it as the DATA signal for the PIC programming. This will now work in either mode!

One additional hardware change is required. When the cable is plugged into a parallel

port, parallel port pin 22 gets grounded. This is the pin that converts to RS232 pin 4 via the 25-to-9 converter block. Now, even though we have a jumper on the PIC-EL from pin 4 to 6, the fact that parallel port pin 22 is grounded will prevent us from using either RS232 pin 4 or pin 6. The solution is to use a jumper

on the PIC-EL board between pin 4 and the input to Resistor R4 when in parallel port

mode. Now pin 6 is free to toggle when the parallel port asserts Pin 6 and it gets

converted to Pin 6 on the RS232 side.

Bottom line - I tried this, and it "nearly" works. I can toggle all the pins via the hardware check routine in FPP. However, there is still one serious "gotcha".

The parallel ports only toggle from 0 to +5v instead of the -12v to +12v of the serial ports. This still works fine for the Data Out, Clock, and MCLR (it produces +12.5v just fine). However, the Data In line does not work properly. This is because we used the -12v on TD when low ("asserted" - gets inverted and generates +12.5v on MCLR) to yank the voltage on the "bottom" of resistor R6 down to -5v or so. Now, in parallel mode, since we are not yanking TD low, we are only able to get the collector of Q4 down to about 3.2v or so. Thus, the data on RS232 pin 8 always looks like a high.

The PIC-EL programmer depends on the -12v signal on the RS232 interface to pull the "lows" down below zero. Key components in this mechanism are Q3, D3 and D4. This works along with Q4 (the only PNP transistor in the PIC-EL board) to convert the levels to proper serial port levels. This mechanism works to our disadvantage when trying to use the parallel interface trick. Now we don't have -12v available to yank it down, so our lows are even worse than if we didn't have this circuitry. The end result is that the "highs" are fine but the "lows" only get pulled down to 3.2v. This is not sufficient to register as a low.

The only way I can see this working, without stripping out the serial port programmer circuitry, is if you feed a simple parallel port programmer directly into HDR1, bypassing the PIC-EL programmer. This is the method I used to connect a USB programmer into the PIC-EL. Parallel port programmers can be very simple. You may want to look at the so-called No-Parts PIC Programmer at <http://www.covingtoninnovations.com/noppp/> (I say "so-called" no-parts programmer because it does have a few parts, of course.)

>Craig has tried a number of USB converters, and most of them didn't work. I
>think he ran across one that did. Maybe he can comment.

>

>72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
>didileydadidah QRP-L #1446 Code Warriors #35

Yes, this is correct. I described it in another message in this thread yesterday.

After writing this message and thinking about it some more, I bet this is the

reason

the USB port interface cable doesn't work either! I bet it is only pulling the "low"

voltages down to 3.2v instead of down near zero. Thus, the lows are not going low enough and all data looks like ones. Thus, I get 3FFF.

Some things to think about. Maybe someone will think of a way to make this work.

72,

Craig, AA0ZZ

Date: Tue, 17 Feb 2004 17:53:21 -0600

From: chuck shinn <chuck.shinn@connect.net>

To: n4xy@earthlink.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [168248] Re: New Reactor Puts Hydrogen From Renewable Fuels Within Reach

Message-ID: <4032A971.4070701@connect.net>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii; format=flowed

Content-transfer-encoding: 7BIT

Ed Tanton wrote:

> I don't know about you all, but my understanding of the biggest
> obstacle to a hydrogen-based-energy economy has been the difficulty in
> obtaining hydrogen (not to mention how really explosive the stuff
> would be in an auto accident.) They may very well have made THE
> breakthrough. This is part of an article from the Internet science
> news source: Science Daily. There's much more at the following URL:
>
> <<http://www.sciencedaily.com/releases/2004/02/040214081412.htm>>
>
> New Reactor Puts Hydrogen From Renewable Fuels Within Reach
>
>

The dirty little secret about all of this Ed is that it takes 170 btu's of fossil fuel into the system to get 100 btu's out in the form of ethanol from corn. Archer Daniel Midland is the current recipient of

all of this government largess at present and is a disgrace to taxpayers. There may well be other methods of producing ethanol but I don't know of them and their input energy requirements as I do the corn formula. This information was recently published by Senator McCain in a public letter to Prez Bush as justification for not voting positively for the energy bill.

W7MAP

Chuck

Date: Tue, 17 Feb 2004 18:57:06 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: chuck shinn <chuck.shinn@connect.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [168249] Re: New Reactor Puts Hydrogen From Renewable Fuels Within Reach
Message-ID: <6.0.3.0.2.20040217185518.01d29f88@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

OUCH! Still... I'll bet that's more solvable than this was.

At 06:53 PM 2/17/2004, chuck shinn wrote:

>The dirty little secret about all of this Ed is that it takes 170 btu's of
>fossil fuel into the system to get 100 btu's out in the form of ethanol

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Tue, 17 Feb 2004 16:04:09 -0800 (PST)

From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [168250] Re: CW Learning Curves?
Message-ID: <20040218000409.27855.qmail@web60303.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- AD4MZ Bob C <ellyncooley@earthlink.net> wrote:

> Gary
>
> Your right about them wanting us to use the.....ots dots when we
> missed characters. Amost forgot about the notes like /FADING
> or QSA 1
>
> We had to denote if the line was from the net control or an
> outstation. if an outstaion seems like we labeled it /A or /B etc.

I'm thinking we used full callsigns at the end a tranmission (even when it was just chatter). We'd also have to throw in the time occasionally.

i.e. QSA 3 QSA IMI K//AD4MZ //0130

However, that's been a long time ago and my memory isn't the greatest.

> Where was your assignment Gary?

Bremerhaven, Germany and Peshawar, Pakistan.

72, Gary -K8KFJ-

Do you Yahoo!?
Yahoo! Finance: Get your refund fast by filing online.
<http://taxes.yahoo.com/filing.html>

Date: Tue, 17 Feb 2004 17:05:30 -0700
From: "Chris Trask" <chrisrask@earthlink.net>
To: <n4xy@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [168251] Re: New Reactor Puts Hydrogen From Renewable Fuels Within Reach
Message-ID: <01ef01c3f5b2\$ecfa0d20\$e4044bab@default>
MIME-Version: 1.0
Content-Type: text/plain;

```
charset="Windows-1252"
```

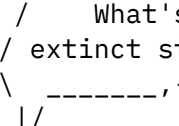
```
> This is part of an article from the Internet science news source:
> Science Daily. There's much more at the following URL:
>
> <http://www.sciencedaily.com/releases/2004/02/040214081412.htm>
>
> New Reactor Puts Hydrogen From Renewable Fuels Within Reach
>
> MINNEAPOLIS / ST. PAUL (2/12/2004) -- The first reactor capable of
> producing hydrogen from a renewable fuel source - ethanol - efficiently
> enough to hold economic potential has been invented by University of
> Minnesota engineers. When coupled with a hydrogen fuel cell, the unit -
> small enough to hold in your hand - could generate one kilowatt of
> power, almost enough to supply an average home, the researchers said.
> The technology is poised to remove the major stumbling block to the
> "hydrogen economy": no free hydrogen exists, except what is made at
> high cost from fossil fuels. The work will be published in the Feb. 13
> issue of Science.
>
```

This is significant. Keeping in mind that ethanol can be made from home garbage, such as vegetable trimmings from the kitchen, such an invention, if made economically, could give us all an edge on becoming independent of the energy grid. Many people living in California have freed themselves from the utility companies and had a good laugh during that fabricated electricity crisis that Enron staged a few years ago.

Reminds you of the "Mr. Fusion" generator from "Back to the Future" that was mounted on the back of the car at the end, fueled with a banana peel.

Okay, that's a bit far-fetched, but it does stir up the imagination to think of where such a device could take us.

Chris



High Performance Mixers and Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

. () \
'-|)__| :. \
| | | | \ '.
c__; c__; '-..'>.__

Email: chistrask@earthlink.net
<http://www.home.earthlink.net/~chistrask>

Graphics by Loek Frederiks

Date: Tue, 17 Feb 2004 16:08:12 -0800 (PST)
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [168252] Re: CW Learning Curves?
Message-ID: <20040218000812.5126.qmail@web60305.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- AD4MZ Bob C <ellyncooley@earthlink.net> wrote:

> After working out in the field for a couple of years copying
> code 6 to 10 hours a day most of us were able to ever carry on
> a brief conversation with our fellow ops without missing a dit.

During some of the down times, we'd practice copying behind. We'd find some 5 number groups (known to be worthless) and type our name in between each group. Depending on the speed sent, you could get 3 and 4 characters behind.

Some of these young hot shots would come overseas fresh out of school from copying perfect code tapes and ready to kick butt. You'd put the cans on their ears and hook 'em to a R-390 only to see their fingers freeze on the home row of their mill. Then you'd give 'em the bad news. "It's called QRM, QSB, QRN and poorly sent code, guys". "They didn't tell you about this back in code school???". HI

72, Gary -K8KFJ-
West Virginia
AFSC 29251

Do you Yahoo!?
Yahoo! Finance: Get your refund fast by filing online.
<http://taxes.yahoo.com/filing.html>

Date: Tue, 17 Feb 2004 18:10:53 -0600
From: "John Cook" <otterc@earthlink.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [168253] FS; Mizuho MX-6S (QRP) & PL-6S amp (QRO)
Message-ID: <410-2200423180105311@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

To help raise the money to buy another rig, I'm selling my Mizuho MX-6S one watt 6 meters SSB/CW handheld and PL-6S 10 watt linear amp.

Details and photos at ; <http://www.muttmotorpool.com/k6ero/MX-6s.html>

Please reply direct only, not on list.

72,
John Cook
K6ERO
Fayetteville AR

Date: Tue, 17 Feb 2004 16:16:45 -0800 (PST)
From: Ed Howell <kb2nto@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [168254] 2n2 40 board
Message-ID: <20040218001645.83794.qmail@web14306.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Does anyone have one of these boards they are not going to use. Would pay fair price plus postage. Or does anyone know where I can get one. Thank you 73

Do you Yahoo!?
Yahoo! Finance: Get your refund fast by filing online.
<http://taxes.yahoo.com/filing.html>

Date: Wed, 18 Feb 2004 13:40:46 +1000
From: Mike Newman <mnewman@clear.net.nz>
To: qrp-l@Lehigh.EDU
Subject: [168255] Pic-El crosses Pacific

Message-ID: <000901c3f5d0\$fed6d280\$b97865da@miken>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7bit

A Pic-El has winged its way across the Pacific and has arrived in Wanganui
New Zealand.

Great kit.

Mike ZL1BNB

Date: Tue, 17 Feb 2004 20:32:07 -0500
From: "John Harper AE5X" <john@ae5x.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [168256] Lots of DX on CW the next few evenings.....
Message-ID: <000501c3f5bf\$05c856c0\$6401a8c0@JOHN>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Lots of DX stations are gearing up for this weekend's contest, so get 'em
while they're still (fairly) easy.

John Harper AE5X
Outdoor QRP & 80-Meter DXing: <http://www.ae5x.com>

Date: Tue, 17 Feb 2004 20:50:01 -0500
From: "AD4MZ Bob C" <ellyncooley@earthlink.net>
To: <qrp-l@lehigh.edu>, <khyberpass65@yahoo.com>
Subject: [168257] Re: CW Learning Curves?
Message-ID: <002201c3f5c1\$86742e00\$d4c53841@system2002>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

VVV
VVV

K8KFJ de AD4MZ QSA 5 QTC IMI K //0038049//

remember the julian dates?

Ever copy? 111 888 000

Gary, Having been a ham prior to working in the field made all the difference at the beginning. I had worked CW for 7 or 8 years before going into the service.

I remember the best CW ops were always the Russians and the worst I copied were the East Germans and the Polish. Not to stereotype but as a general rule you could tell even before you had their fix.

It was a fun job for me.

73

Bob

----- Original Message -----

From: "Garie Halstead K8KFJ" <khyberpass65@yahoo.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, February 17, 2004 7:04 PM

Subject: Re: CW Learning Curves?

> --- AD4MZ Bob C <ellyncooley@earthlink.net> wrote:

>

> > Gary

> >

> > Your right about them wanting us to use the.....ots dots when we

> > missed characters. Amost forgot about the notes like /FADING

> > or QSA 1

> >

> > We had to denote if the line was from the net control or an

> > outstation. if an outstaion seems like we labeled it /A or /B etc.

>

> I'm thinking we used full callsigns at the end a tranmission (even when

> it was just chatter). We'd also have to throw in the time

> occasionally.

>

> i.e. QSA 3 QSA IMI K//AD4MZ //0130

>

> However, that's been a long time ago and my memory isn't the greatest.

>

> > Where was your assignment Gary?

>

> Bremerhaven, Germany and Peshawar, Pakistan.
>
> 72, Gary -K8KFJ-
>
>
>
> -----
> Do you Yahoo!?
> Yahoo! Finance: Get your refund fast by filing online.
> <http://taxes.yahoo.com/filing.html>

Date: Tue, 17 Feb 2004 19:58:12 -0600
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168258] [ELMER 160] Me too! Mine lit up! Also some LCD stuff
Message-ID: <003601c3f5c2\$aa347150\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hurray! Fired up the pic-el and it did its three ring circus of checkout routines. It was easy to build too. Congrats to Craig and the whole team on a great job of designing and laying out this board. And the test software author too.

This thing has 'feature creep' in the best sense; it's a candy store of features for the experimenter, going far beyond its basic function as programmer.

I like to have as many data sheets as possible when I take on a project, so I can learn about the parts I'm using. I didn't see the info on the LCD display on the Pic-El on the web site (did I miss it?), but on the actual device I see its a Hantronix HDN08111H-1. And the data sheet (they call it "specification") can be found here:

<http://www.hantronix.com/2_2.html>

I guess it's the standard HD44-whatever interface, but I always want to see if there are any strange wrinkles or electrical requirements in there.

In a post the other day, LCD displays from B.G. Micro were mentioned. I about went nuts trying to get one to work several years ago. (That was before I had instant advice available via the internet.) Turned out that particular version required a negative voltage in addition to the normal

supply to make it come to life. Plus, the data sheet had an initialization sequence that included a command to turn the display off, but left out the one to turn it back on. Like a fool I followed it to the letter. Finally got it going and had it interfaced to a PC parallel port, Atari joystick ports, and a 6502 SBC. Now it's time to see if I can get back into the groove and figure out the PIC.

Oh yeah, on the subject of optical encoders, I made one for my first prehistoric DDS out of parts from a digital bathroom scale. Not exactly compact since the wheel was about 4 inches in diameter, but the operation was as smooth as could be.

72--Nick, WA5BDU

Date: Tue, 17 Feb 2004 19:37:25 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [168259] FOX: Triple again
Message-ID: <Pine.LNX.4.44.0402171932010.5241-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Boy the band condx are GREAT! I had a hard time working Ron not due to hearing him as he was 589, but I could not find a place to call him. Then found he was working guys on his own frequency so called him there and bingo. W8RU is on 7.04232 and working up

Went down and found George was 599 into my system and not very busy. I called him once about 1 KHz high and he came back and gave me a 599! He is on 7035.32 and calling CQ.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 17 Feb 2004 18:19:42 -0800
From: "DTX" <dtx@wood.tzo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [168260] Re: New Reactor Puts Hydrogen From Renewable Fuels Within Reach
Message-ID: <02ea01c3f5c5\$ab72dd60\$0c00a8c0@home>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You are correct, Chuck, that it is important to look at a complete system from an engineering stand point. Electric cars on rechargeable batteries alone is a good example. You must look at the energy/manufacturing/disposal/recycling costs in dollars and pollution, and not just at the dollars to charge a run cycle for good batteries.

However, in this case (corn to ethanol) I would wonder why solar and or geothermal btu's shouldn't be used? Perhaps that would be a net loss also. Maybe you have to transport the corn grown in IA and IL to AZ or NM for the 359 days of sunshine a year. Perhaps it would take 2 to 3 times as much capital equipment for the same output since you can't very well run three 8 hour shifts if ol' SOL is your source of energy. I think the number one corollary to Murphy's law is nothing real is ever as simple as it looks on paper.

Gary WA6DTX

----- Original Message -----

From: "chuck shinn" <chuck.shinn@connect.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, February 17, 2004 3:53 PM

Subject: Re: New Reactor Puts Hydrogen From Renewable Fuels Within Reach

>
>
> Ed Tanton wrote:
>
> > I don't know about you all, but my understanding of the biggest
> > obstacle to a hydrogen-based-energy economy has been the difficulty in
> > obtaining hydrogen (not to mention how really explosive the stuff
> > would be in an auto accident.) They may very well have made THE
> > breakthrough. This is part of an article from the Internet science
> > news source: Science Daily. There's much more at the following URL:
> >
> > <<http://www.sciencedaily.com/releases/2004/02/040214081412.htm>>
> >
> > New Reactor Puts Hydrogen From Renewable Fuels Within Reach
> >
> >
>
> The dirty little secret about all of this Ed is that it takes 170 btu's
> of fossil fuel into the system to get 100 btu's out in the form of
> ethanol from corn. Archer Daniel Midland is the current recipient of
> all of this government largess at present and is a disgrace to

> taxpayers. There may well be other methods of producing ethanol but I
> dont know of them and their input energy requirements as I do the corn
> formula. This information was recently published by Senator McCain in a
> public letter to Prez Bush as justification for not voting positively
> for the energy bill.
> W7MAP
> Chuck
>

Date: Tue, 17 Feb 2004 21:53:22 -0500
From: <bill@n4qa.com>
To: <qrp-1@Lehigh.EDU>
Subject: [168261] Rock-Mite-RTTY and DSWMULTI schematics *should* be clearly
viewable by all now...
Message-ID: <000701c3f5ca\$60d6e1c0\$9d26ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Over the past few months, a couple of folks have contacted me relating
difficulty in viewing the schematics for Rock-Mite-RTTY and DSWMULTI.
I *think* I may have stumbled upon a solution to the problem...
During lunch break at work today, I viewed the schematics on a PC running
Windows 2000 and IE 6.
For the first time, I saw what the other folks had seen...extreme distortion
of both schematics.
Long story short, the two schematic images were originally somewhat
oversized.
Looking through IE 6's Tools>Internet options>Advanced...I discovered that
one of the checkboxes, which reads something like "automatic image sizing",
was checked.
IE 6 was apparently resizing the images to fit on screen and in the process
was destroying image quality. I unchecked said box , refreshed the page
and...voila!
But, I wanted to cure the problem on my end so...
No doubt, there is a more elegant way of preventing such a thing from
happening...but I just reduced the size of the ExpressSch window and took
another screenshot of each schematic with Easyscreen and stored the new .jpg
image files at my website.
So, if you've nothing better to do sometime, please visit:

<http://www.n4qa.com/dswmulti/dswmulti.jpg>

and

<http://www.n4qa.com/rockrtty/rockrtty.jpg>

and let me know about any problems with viewing the schematic images there.

Thanks and 73,
Bill, N4QA

Date: Tue, 17 Feb 2004 21:17:1 -0600
From: "W.D. (Doc) Lindsey" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [168262] DX booming in on 40 Metres
Message-ID: <41200423183171873@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Lots of DXers are already in-place for the big CW contest this coming weekend. To report = the Caribbean stations are working QRPers tonite [g]. My rig is the tiny AT Sprint at just under 4 watts, to a homebrew wire ground plane with 4 above ground radials. This is a great chance to bag some DX before the huge contest pileups develop. Go for it!

73,
--Doc/K0EVZ

--- W.D. (Doc) Lindsey
--- dock0evz@earthlink.net
--- EarthLink: The #1 provider of the Real Internet.

Date: Tue, 17 Feb 2004 22:45:34 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: <qrp-l@Lehigh.EDU>
Subject: [168263] Re: FOX: Triple again
Message-ID: <000301c3f5d1\$aa84b660\$9b330843@swfla.rr.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Band conditions were exceptionally good here in SW Florida.

W8RU was issuing hounds at a pace similar to N1FN and N2WW.

Ron's signal was exceptionally strong between Michigan and Florida.

Almost every hound was clear copy here in Naples, including VEs.

Got a "triple" here: Truffle at 0135, W8RU at 0245 and K5TR at 0250.

Band conditions between Florida and Texas were not as good as usual.

Tom, N1TP
Naples, FL

Date: Tue, 17 Feb 2004 22:53:06 -0500
From: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [168264] RE: New Reactor Puts Hydrogen From Renewable Fuels Within Reach
Message-ID: <000c01c3f5d2\$bde1e060\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

So, how expensive is the ethanol? Why not power the cars on that?

Buck

PS can we make an ethanol battery for powering our radios? How about a fuel cell?

> -----Original Message-----
> From: chuck shinn [mailto:chuck.shinn@connect.net]
> Sent: Tuesday, February 17, 2004 6:53 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: New Reactor Puts Hydrogen From Renewable Fuels

> Within Reach
>
>
>
>
> Ed Tanton wrote:
>
> > I don't know about you all, but my understanding of the biggest
> > obstacle to a hydrogen-based-energy economy has been the
> difficulty in
> > obtaining hydrogen (not to mention how really explosive the stuff
> > would be in an auto accident.) They may very well have made THE
> > breakthrough. This is part of an article from the Internet science
> > news source: Science Daily. There's much more at the following URL:
> >
> > <<http://www.sciencedaily.com/releases/2004/02/040214081412.htm>>
> >
> > New Reactor Puts Hydrogen From Renewable Fuels Within Reach
> >
> >
>
> The dirty little secret about all of this Ed is that it takes
> 170 btu's
> of fossil fuel into the system to get 100 btu's out in the form of
> ethanol from corn. Archer Daniel Midland is the current recipient of
> all of this government largess at present and is a disgrace to
> taxpayers. There may well be other methods of producing ethanol but I
> don't know of them and their input energy requirements as I do
> the corn
> formula. This information was recently published by Senator
> McCain in a
> public letter to Prez Bush as justification for not voting positively
> for the energy bill.
> W7MAP
> Chuck
>
>
>
>
>

Date: Tue, 17 Feb 2004 20:54:34 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [168265] Re: head copy

Message-ID: <5.1.1.6.2.20040217203856.00a1a030@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

One skill that goes along with "head" copy is "word" copy. It's much easier to head copy when you're identifying entire common words by sound, without having to spell them mentally. Word copy is the another level of "copying behind" skills. It's like a pipelined computer architecture: there's more delay from input to output, but the over-all speed increases greatly when it's working right.

Also like pipelining, word copy works well for normal input conditions--but poorly for unexpected cases. It's much harder to copy five character cipher groups than plain text. Plain text, in turn, is harder to word copy than a 5NN13 contest "exchange" (because you know exactly what's coming before it's sent).

72,
--Tim (KR0U)

Date: Tue, 17 Feb 2004 22:05:35 -0600
From: "George, W5YR" <w5yr@att.net>
To: "Tom Palmer" <n1tp@swfla.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [168266] Re: FOX: Triple again
Message-ID: <072201c3f5d4\$7e678050\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

About the same here, Tom: Truffle at 0130; George at 0205 and Ron at 0211. George was barely above noise level but Ron was S8-9 most of the time. I could barely hear you so you are correct about poor propagation between the Pesky Texans and FL.

In Texas, we call it a "threefer."

Fun, huh?

73, George W5YR
w5yr@att.net

----- Original Message -----

From: "Tom Palmer" <n1tp@swfla.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, February 17, 2004 9:45 PM
Subject: Re: FOX: Triple again

> Band conditions were exceptionally good here in SW
> Florida.
> W8RU was issuing hounds at a pace similar to N1FN
> and N2WW.
> Ron's signal was exceptionally strong between
> Michigan and Florida.
> Almost every hound was clear copy here in Naples,
> including VEs.
> Got a "triple" here: Truffle at 0135, W8RU at 0245
> and K5TR at 0250.
> Band conditions between Florida and Texas were not
> as good as usual.
>
> Tom, N1TP
> Naples, FL
>

Date: Tue, 17 Feb 2004 23:38:16 -0500
From: "Jason Hsu" <jhs001@heronetwork.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [168267] Powerballs for hydrogen fuel cells
Message-ID: <006701c3f5d9\$0905f6c0\$64923144@aolids1.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<http://www.powerball.net/>

Speaking of fuel cells, check out Powerball Technologies, a company developing powerballs as a source of hydrogen. The idea is to store the hydrogen in the form of sodium hydride pellets surrounded by a plastic shell. The fuel tank contains powerballs and water. When a blade slices a powerball, the sodium hydride and the water react to form hydrogen gas (fuel) and sodium hydroxide (waste). The hydrogen powers the fuel cell, and the sodium hydroxide is recycled for industrial uses or the production of more sodium hydride (heating sodium hydroxide breaks it down to NaH). The used shells are recycled to make more powerball shells.

What do you think?

Jason Hsu, AG4DG
personal AAAATTTT jasonhsu.com
<http://www.jasonhsu.com/ee.html>
<http://groups.yahoo.com/group/eeham/>
http://groups.yahoo.com/group/resume_hyperinflation_fighters/
<http://groups.yahoo.com/group/gmu-ece->

Date: Tue, 17 Feb 2004 23:08:33 -0600
From: George Fremin III <geoiiii@kkn.net>
To: qrp-l@Lehigh.EDU
Subject: [168268] FOX: K5TR Log - Hunt 34
Message-ID: <20040218050833.GA10792@kkn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Here is my log.

The band was nice and quiet here but conditions were not the best for working around the states. It really died in the last hour and the last 30 minutes was very slow with only 10 contacts.

Thanks - it was fun - George.

QRP-L 40M Fox Hunt
Hunt Number 34
Op: K5TR - Geo
QTH: Johnson City, TX
TX/RX Ants: 2 element Cushcraft yagi at 100', Dipole at 60' broadside NE/SW.
RX Ants: ~500' Beverages.

0201	AC7A	559	AZ	TOM	5W
0201	N9NE	579	WI	TODD	5W
0202	W5YR	559	TX	GEORGE	5W
0203	K3PH	599	PA	BOB	5W
0203	K0EVZ	589	NM	DOC	4W
0204	N3BJ	559	VA	ALAN	5W
0205	KG4LDY	559	VA	JIM	5W
0206	N4ROA	559	VA	DAN	5W
0208	KK5LD	559	TX	DAN	5W
0209	KW4JS	559	TN	JOHN	5W

0210	K2ZN	559	NY AL	5W
0211	AG0T	559	ND TODD	5W
0211	W0NTA	559	CO DICK	5W
0212	K6IA	559	CA WARD	5W
0212	WA8BXN	559	OH MIKE	5W
0213	W0CH	599	MO DAVE	5W
0213	KB9YIG	579	IN TONY	2W
0214	K6VNX	559	CA ARLEN	5W
0214	N1FN	559	CO ET	5W
0216	KB2FEL	559	WV BOB	5W
0217	W0ANM	559	MN CHRIS	5W
0217	K9TJL	599	IL TJ	5W
0219	N5IB	559	LA JIM	5W
0219	KV2X	559	NY TOM	5W
0220	AF4LQ	559	KY MIKE	5W
0220	W9XU	559	WI LON	5W
0221	NV4V	559	KY PETE	5W
0222	KJ0C	559	MO JIM	5W
0222	K2Q0	559	NY MARK	5W
0223	WZ4L	589	TN WOODY	5W
0224	K5DI	599	NM KARL	5W
0225	N3ZPQ	559	OH FRANK	4W
0225	N3GJ	559	PA GEORGE	5W
0226	K3ESE	559	MD LLOYD	5W
0227	N0TK	559	CO DAN	5W
0227	VE6EX	559	AB DAN	5W
0228	VE6JAZ	559	AB ROB	5W
0229	VE5RC	559	SK BRUCE	5W
0234	K5SR	559	TX DALE	5W
0234	W2XS	579	NY JOHN	5W
0235	KI0II	559	CO RON	5W
0235	WB8YYY	559	MD CURT	5W
0236	K7TQ	559	ID RANDY	5W
0237	W9JOP	559	VA BOB	150mW
0238	KC1FB	559	CT JIM	5W
0239	K6XR	559	CA REG	5W
0241	VE3DJX	559	ON JIM	5W
0242	WA9TZE	599	WI JIM	5W
0244	NB7F	559	OR LEE	5W
0244	N4DD	559	TN DENNIS	5W
0246	KI0RB	559	CO VINCE	5W
0246	KG0PP	599	CO JIM	5W
0247	NK6A	559	CA DON	5W
0248	KG6CYN	559	CA TREV	5W
0251	N1TP	559	FL TOM	5W
0252	W0PWE	559	IA JERRY	5W
0252	K8KFJ	579	WV GARY	5W
0253	W9XT	559	WI GARY	5W

0254	K0UU	559	MN	JEFF	5W
0256	KB9ZUV	599	IN	GARY	5W
0257	W0UFO	559	MN	MERT	5W
0257	KR0U	599	CO	TIM	5W
0258	VE4WI	559	MB	CRAIG	5W
0259	AB8DF	559	MI	ED	5W
0300	W2LJ	559	NJ	LARRY	4W
0300	NK9G	559	WI	RICK	5W
0301	N9AW	559	WI	JERRY	5W
0303	WB4X	559	NC	BRENT	5W
0303	W6UR	579	CA	LOU	5W
0305	W2XN	559	FL	FRED	5W
0306	N0DSP	599	CO	TOM	5W
0307	N7CQR	559	OR	DAN	5W
0308	K8MIA	559	WV	JIM	5W
0310	N2PG	559	NY	PETE	3W
0312	AA50	559	LA	VENN	5W
0313	W7ILW	559	AZ	WALT	5W
0314	K0PC	559	MN	PAT	5W
0315	NZ4E	559	VA	MARC	5W
0317	WD4RPS	599	GA	BOB	100W
0319	K0FRP/4	579	SC	AL	5W
0319	AG4PJ	559	AL	DAVE	5W
0320	WB8WTU	559	OH	DENNIS	5W
0320	W1MT	559	VA	MIKE	5W
0324	N04D	559	SC	KEN	1W
0329	W6AZ	559	GA	RON	5W
0331	K5EOA	559	LA	WAYNE	5W
0332	K8DD	559	MI	DUCK	5W
0333	W9HL	559	IL	RANDY	5W
0334	KJ7HX	559	OR	JERRY	5W
0342	VE3ELA	559	ON	KEN	2W
0344	W4NJK	569	CA	CHARLIE	5W
0350	W4EDE	579	FL	LEE	160W
0352	W8YMO	559	OH	HARRY	5W
0353	KE6RS	559	CA	RON	5W
0353	N5ZE	559	TX	LEW	5W
0400	W8RU	xxx	MI	FOX	5W
0400	K5TR	xxx	TX	FOX	5W

--

George Fremin III - K5TR
 geoiiii@kkn.net
<http://www.kkn.net/~k5tr>

Date: Tue, 17 Feb 2004 21:25:20 -0800 (PST)
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168269] Re: CW Learning Curves?
Message-ID: <20040218052520.53456.qmail@web60309.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- AD4MZ Bob C <ellyncooley@earthlink.net> wrote:

> I remember the best CW ops were always the Russians and the
> worst I copied were the East Germans and the Polish. Not to
> stereotype but as a general rule you could tell even before
> you had their fix.

Careful now Bob, we don't want 'em to know just how successful we were
back in those days. HI

> It was a fun job for me.

Ditto here. I couldn't believe I was serving my Country, still got to
play radio, received pay, and at the same time saw how some other
people lived on a couple of different continents. I later got through
a 22 year Law Enforcement career unscathed so now I just take it easy
and CHASE TRUFFLES AND WORK DEM FOXES!! :-)

72, Gary -K8KFJ-

Do you Yahoo!?
Yahoo! Mail SpamGuard - Read only the mail you want.
<http://antispam.yahoo.com/tools>

Date: Wed, 18 Feb 2004 06:27:58 +0100
From: WJuergens@t-online.de (Wolf-Ruediger Juergens)
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [168270] Re: FOX: Triple again
Message-ID: <opr3jv4wng6ty4ml@maito.t-online.de>
Content-Type: text/plain; format=flowed; charset=iso-8859-15
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Karl Larsen <k5di@zianet.com> wrote:

> Boy the band condx are GREAT!

Congrats, Karl.

Here the situation was difficult. Before the hunt I heard a few stations around the 7040. Especially CL2YI from Cuba on 7038. Later no truffle, no foxes, but high noise level. I will try next tuesday again.

72 Wolf, DL2WRJ

--

<http://www.dl2wrj.de> - CW - Hellschreiber - QRP - QRPP - QRSS

Date: Tue, 17 Feb 2004 21:45:37 -0800 (PST)

From: Tom Sevalt <n2uhc@yahoo.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [168271] Re: [fpqrp] morse makes the local news

Message-ID: <20040218054537.79001.qmail@web9601.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

--- Michael Neverdosky <mikenever@earthlink.net>

wrote:

> It is actually a symbol that stands for;

> "This is an emergency message and I am in distress."

> It must

> have stood for

> 'something'. :-)

Of course it means someone is in distress, but when I said it does not stand for anything I meant it is not an acronym, and does not stand for "Save Our Ship" or "Save Our Souls" or any other words anyone can think up.

=====

Tom Sevalt N2UHC

Frontenac, KS

<http://www.geocities.com/n2uhc>

Do you Yahoo!?

Yahoo! Mail SpamGuard - Read only the mail you want.
<http://antispam.yahoo.com/tools>

Date: Wed, 18 Feb 2004 01:22:19 -0500
From: "Jason Hsu" <jhs001@heronetwork.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [168272] Tiger tails for HT antennas with SMAs
Message-ID: <001501c3f5e7\$92b21260\$64923144@aolDSL.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The idea is to improve the performance of an HT antenna by providing a ground plane or "the other half" of the antenna. A tiger tail of wire connected to the HT antenna feedpoint will do this.

Do any of you use a tiger tail for an HT antenna that has an SMA connector? I know there is a company that sells tiger tails, but those are for BNCs. The tricky part is the mechanics - getting a secure connection between the tiger tail and the connector.

Jason Hsu, AG4DG
personal AAAATTTT jasonhsu.com
<http://www.jasonhsu.com/ee.html>
<http://groups.yahoo.com/group/eeham/>
http://groups.yahoo.com/group/resume_hyperinflation_fighters/
<http://groups.yahoo.com/group/gmu-ece-control>

Date: Wed, 18 Feb 2004 00:46:28 -0800
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [168273] FOX: Left Coast Twofer Shuffle...
Message-ID: <000901c3f5fb\$b3ed84f0\$38fea8c0@TREVORMAINPC>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hey Gang,

Not a tripe here, but did get both FOXII! Can you believe it, I almost forgot about the hunt tonight!!! I'd been working on a project here in the

shack and had forgot about the time until about 30 minutes into the hunt.

Both FOXII Ron and George were quite loud tonight and very readable here on the left coast. I was able to get both of them within a few minutes.

Thanks to George and Ron for taking the time to be the FOX and a very fun evening! We haven't had many nights like this this season, was more like a couple of years ago...

73's Trev - KG6CYN
<http://www.qsl.net/kg6cyn>

Date: Wed, 18 Feb 2004 04:58:02 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: "George Baker" <w5yr@att.net>, "Lew Paceley" <lew@paceley.com>,
"Richard Kapalczynski" <n5ji@yahoo.com>,
Subject: [168274] NETXQRP Club Meeting, Sat 21 February
Message-ID: <3.0.2.32.20040218045802.00840be0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRPers,

George will be doing a checkout run of his presentation and would appreciate our critique. Also it will give us a chance to harden him for heckleing... [g]

All who are interested are invited to attend. Hope to see you there.

Saturday, February 17, 2004 -- 1:00 to 3:00 pm (or so)

Los Hermanos
1500 W. Moore Ave (US80 West)
Terrell, TX 75160
972-524-5580

Directions:
Los Hermanos is on the West side of Terrell. It is on the North side of US80 (Moore Ave.) about a block East of the intersection of US80, SH205, and SH148. SH205 goes North from US80 toward Rockwall and SH148 goes South back across IH20. Los Hermanos is a small restaurant next to a Payless Shoe Source.

If you have a favorite QRP something you'd like to bring along to show the group, please do.

Each month we also have a *Door Prize* drawing. Bring an item to share for the door prize table. A drawing is held at the end of the meeting to *redistribute* the wealth. Everyone attending gets a chance at one (or more) of the prizes. Good food, good conversation and good company. Come join the fun!

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Wed, 18 Feb 2004 06:40:05 -0500
From: "Pieter Gaskin" <pgaskin@twcny.rr.com>
To: <qrp-l@Lehigh.EDU>
Cc: <pgaskin@twcny.rr.com>
Subject: [168275] Re: FOX: Triple again
Message-ID: <000301c3f613\$f4887160\$b5bc3a18@twcny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No triple here but, did manage a "onefer".
Could hear George once the hounds thinned out a little....a definite
559. Tried to stay off his calling freq. as best I could. Did hear QSY sent
during the first few attempts but, it wasn't George. Think it was another
station. Won't mention the dual tuner upper at one point right on top of an
exchange.....happened too many times to be coincidence.
Ron simply didn't exist at my QTH....Could hear many hounds in the first
hour but no W8RU. Perhaps when I listened his beam was pointed away from
me.....then again I didn't hear many hounds in the last half hour and still
no Ron.
All in all the condx were some of the best I have encountered since starting
to try Fox Hunting again this new year.
Enjoying it so much that I just picked up a K1 with lots of room for options
to be installed.....can't wait to try it, then build the options :^)
73/72
Pete
N2PG

Date: Wed, 18 Feb 2004 05:45:10 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: chuck shinn <chuck.shinn@connect.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [168276] Re: New Reactor Puts Hydrogen From Renewable Fuels Within Reach
Message-ID: <Pine.LNX.4.44.0402180535260.5250-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 17 Feb 2004, chuck shinn wrote:

>
>
> Ed Tanton wrote:
>
> > I don't know about you all, but my understanding of the biggest
> > obstacle to a hydrogen-based-energy economy has been the difficulty in
> > obtaining hydrogen (not to mention how really explosive the stuff
> > would be in an auto accident.) They may very well have made THE
> > breakthrough. This is part of an article from the Internet science
> > news source: Science Daily. There's much more at the following URL:
> >
> > <<http://www.sciencedaily.com/releases/2004/02/040214081412.htm>>
> >
> > New Reactor Puts Hydrogen From Renewable Fuels Within Reach
> >
> >
>
> The dirty little secret about all of this Ed is that it takes 170 btu's
> of fossil fuel into the system to get 100 btu's out in the form of
> ethanol from corn. Archer Daniel Midland is the current recipient of
> all of this government largess at present and is a disgrace to
> taxpayers. There may well be other methods of producing ethanol but I
> don't know of them and their input energy requirements as I do the corn
> formula. This information was recently published by Senator McCain in a
> public letter to Prez Bush as justification for not voting positively
> for the energy bill.
> W7MAP
> Chuck
>

Hi Chuck, I think we need to take the data presented in a political argument as suspect. For instance the use of British Thermal Units as the proof the process requires more energy to produce than it provides is not sensible. No one would make ethanol if this ratio is correct.

This whole thing is Chemical Engineering and not my field. But the web page and the story in Science say they can get hydrogen from ethanol in an amount very useful, that provides more electrical output from a fuel cell than it generates if you burn the ethanol. This sounds good.

>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Wed, 18 Feb 2004 07:47:29 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: na4fm-list@towncorp.net,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [168277] RE: New Reactor Puts Hydrogen From Renewable Fuels Within Reach
Message-ID: <6.0.3.0.2.20040218074011.01d107f8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Don't know about the price... according to the article, using this process obtains a 40% improvement in available energy over just burning the ethanol. Furthermore-someone asked-the idea is to NOT use gasoline, regardless of how well it might burn. Since corn-and other crops-are RENEWABLE resources, they are more attractive than imported, non-renewable, fossil fuels. How costly ethanol is, appears to be a little-discussed, not-competitive, energy INEFFICIENT, issue-but, as I said, I suspect SERIOUS demand for it would result in improved 'manufacturing' efficiencies.

72/73 Ed Tanton <n4xy@earthlink.net>

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

Date: Wed, 18 Feb 2004 06:05:01 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: Wolf-Ruediger Juergens <WJuergens@t-online.de>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [168278] Re: FOX: Triple again
Message-ID: <Pine.LNX.4.44.0402180601150.5250-100000@bucket.dog>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 18 Feb 2004, Wolf-Ruediger Juergens wrote:

> Karl Larsen <k5di@zianet.com> wrote:

>

> > Boy the band condx are GREAT!

>

> Congrats, Karl.

>

> Here the situation was difficult. Before the hunt I heard a few stations
> around the 7040. Especially CL2YI from Cuba on 7038. Later no truffle, no
> foxes, but high noise level. I will try next tuesday again.

Hi Wolf, well the space weather is perfect so I expect 0200Z is
not a good time for propagation. The CL2YI might have been a QRO station
that made it that far.

The short skip was strong last night. We will see what the DX
contest sounds like this weekend.

>

> 72 Wolf, DL2WRJ

>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 18 Feb 2004 07:05:58 -0600

From: chuck shinn <chuck.shinn@connect.net>

To: Karl Larsen <k5di@zianet.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [168279] Re: New Reactor Puts Hydrogen From Renewable Fuels Within Reach

Message-ID: <40336336.20700@connect.net>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii; format=flowed

Content-transfer-encoding: 7BIT

HI Karl; fact of the matter is that the ethanol process is the result of
political lobbying and not science. It is a correct ratio as I have
independantly verified the facts via secondary sources. I wont continue
this thread here because we could go off on a week long tangent. Suffice
to say I pay for my retirement by investing in energy products. I am not
a chemical engineer nor do I claim to have any special knowledge other

than to be informed on the subject.

One other observation: to the gentleman that asked about refining hydrocarbons and its energy consumption- refining is what you have. It is the market, so trying to ask that question really makes little point. Oil is today and other would-be process owners need to be more cost effective or cheaper than what "is" the standard of today in order to take market share. Otherwise what is the point. Well the only other point would be if we ran out. For anyone wanting to know more about this subject begin reading (google) Hubberts Peak, followed closely by Matt Simmons presentations at Matt Simmons Co in Houston. That will lead you to other places. My apologies to the group for diverting us from the real fun-QRP. de Chas W7MAP

Karl Larsen wrote:

>On Tue, 17 Feb 2004, chuck shinn wrote:

>

>

>

>>Ed Tanton wrote:

>>

>>

>>

>>>I don't know about you all, but my understanding of the biggest

>>>obstacle to a hydrogen-based-energy economy has been the difficulty in

>>>

>>>

>

Date: Tue, 17 Feb 2004 22:22:42 -0500

From: Jean Jibouleau <jiboulj@globetrotter.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [168280] Elmer 160 Test pont E was stolen !!!

Message-ID: <000001c3f620\$5ec10400\$c996a98e@ve2ghi1>

MIME-version: 1.0

Content-type: text/plain; charset=Windows-1252

Content-transfer-encoding: 7BIT

Did I miss something...

There is only 9 differents tests points and not ten and there is no test point E !

My PIC-EL is coming to life slowly but surely

73 de Jean (VE2GHI)

Date: Wed, 18 Feb 2004 08:17:51 -0500
From: Dan Wolfe <n4roa@mounet.com>
To: qrp-l@Lehigh.EDU
Subject: [168281] Re: Wanted: Index Labs QRP+
Message-ID: <403365FF.4C31@mounet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mornin' Ken,

I have one I don't use anymore. Good physical and working condition.
Would take \$300 plus shipping.

72...Dan

Date: Wed, 18 Feb 2004 05:44:47 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: "Li'l Piggies" <fpqrp-l@mpna.com>,
a low-energy group <qrp-l@lehigh.edu>
Subject: [168282] Morse code makes the National news!
Message-ID: <20040218134447.27367.qmail@web41007.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Here's a great interview with Rick Lindquist, N1RL,
complete with some code...(let's see if you can
restrain yourselves from making negative comments
about the source of this! lol)

<http://www.npr.org/rundowns/segment.php?wfId=1680529>

=====

72 es oo, Lloyd, K3ESE - Reisterstown, Maryland FM19p1
KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites
Loop - EDZ - LW - Begali Magnetic Classic Paddles
ARRL - ARS - QRPParci - QCWA - FISTS #8774

FPQRP #-476 - QRP-L - BORG #2

Fun = Skill / Power !

8^D

Do you Yahoo!?

Yahoo! Mail SpamGuard - Read only the mail you want.

<http://antispam.yahoo.com/tools>

Date: Wed, 18 Feb 2004 05:50:42 -0800 (PST)

From: John Kalotai <n1olo@yahoo.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [168283] Micro908 status??

Message-ID: <20040218135042.55899.qmail@web80411.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Anyone know what is happening with this project. The website still shows a January rollout but here it is, the middle of February and still no word. Unless of course I missed on the list at some point.

Looks like a cool project and I'd like to start it.

73

John N10LO

Date: Wed, 18 Feb 2004 14:19:23 -0000

From: "Vilhjalmur Sigurjonsson" <tf3vst@vortex.is>

To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>

Subject: [168284] RE: Pic-El crosses Pacific

Message-ID: <002101c3f62a\$3548d210\$bba8d082@IBMVilhjalmur>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

And one just arrived in Iceland, hi

FB!

de Villi TF3VS

>A Pic-El has winged its way across the Pacific and has arrived in

Wanganui New Zealand.

Date: Wed, 18 Feb 2004 08:21:20 -0600
From: Mark Milburn <mark.milburn@ispwest.com>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [168285] The Iowa QRP Club CW Net
Message-ID: <403374E0.1030002@ispwest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The Iowa QRP Club CW Net will be held on or around
7.112 Wednesday night at 8 PM Iowa time, or Thursday
morning 0200Z.

Join us if you can.

72 Mark KQ0I
Des Moines, Iowa

Date: Wed, 18 Feb 2004 08:23:46 -0600
From: "Sam Binkley" <sbinkley1@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168286] Re: [fpqrp] morse makes the local news
Message-ID: <0bfa01c3f62a\$d1f85cc0\$a67fe344@DHT81T11>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

More info about SOS. Note: It isn't S O S, (3 separate letters) but it is
sent as one character. I should say "was" since CW isn't used by commercial
shipping any more. Here's a link to Wikipedia write-up on SOS:
<http://en.wikipedia.org/wiki/SOS>

73,
Sam, KL7V/5
retired USCG radioman

Date: Wed, 18 Feb 2004 09:24:26 -0500
From: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
To: "'Jason Hsu'" <reply@jasonhsu.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [168287] RE: Tiger tails for HT antennas with SMAs
Message-ID: <000001c3f62a\$ee763750\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Can this be done with a solder or crimp ring-lug the same size as the connector? I know the SMA screws on, but does it screw on snug or is there a gap between the outer edge and the top of the rig?

Buck

> -----Original Message-----
> From: Jason Hsu [mailto:jhs001@heronetwork.com]
> Sent: Wednesday, February 18, 2004 1:22 AM
> To: Low Power Amateur Radio Discussion
> Subject: Tiger tails for HT antennas with SMAs
>
>
> The idea is to improve the performance of an HT antenna by
> providing a ground plane or "the other half" of the antenna.
> A tiger tail of wire connected to the HT antenna feedpoint
> will do this.
>
> Do any of you use a tiger tail for an HT antenna that has an
> SMA connector? I know there is a company that sells tiger
> tails, but those are for BNCs. The tricky part is the
> mechanics - getting a secure connection between the tiger
> tail and the connector.
>
> Jason Hsu, AG4DG
> personal AAAATTTT jasonhsu.com
> <http://www.jasonhsu.com/ee.html> <http://groups.yahoo.com/group/eeham/>
> http://groups.yahoo.com/group/resume_hyperinflation_fighters/
> <http://groups.yahoo.com/group/gmu-ece-control>
>
>
>
>

Date: Wed, 18 Feb 2004 09:29:11 -0500
From: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
To: <llachow@yahoo.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [168288] RE: Morse code makes the National news!
Message-ID: <000201c3f62b\$97a2ee90\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

No feature?

Buck

> -----Original Message-----
> From: Lloyd Lachow [mailto:llachow@yahoo.com]
> Sent: Wednesday, February 18, 2004 8:45 AM
> To: Low Power Amateur Radio Discussion
> Subject: Morse code makes the National news!
>
>
>
>
> Here's a great interview with Rick Lindquist, N1RL,
> complete with some code...(let's see if you can
> restrain yourselves from making negative comments
> about the source of this! lol)
>
<http://www.npr.org/rundowns/segment.php?wfId=1680529>

=====

72 es oo, Lloyd, K3ESE - Reisterstown, Maryland FM19p1
KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites
Loop - EDZ - LW - Begali Magnetic Classic Paddles
ARRL - ARS - QRParci - QCWA - FISTS #8774
FPQRP #-476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

Do you Yahoo!?
Yahoo! Mail SpamGuard - Read only the mail you want.
<http://antispam.yahoo.com/tools>

Date: Wed, 18 Feb 2004 06:32:18 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>,
fpqrp-l@mpna.com
Subject: [168289] RE: Morse code makes the National news!
Message-ID: <20040218143218.64342.qmail@web41004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- "NA4FM (Buck)" <na4fm-list@towncorp.net> wrote:
> No feature?

Well, the link worked a while ago...something's up with their server, I guess. Anyway, it's a very enjoyable, brief audio clip, and someday, hopefully, it'll be accessible...look for keyword morse for the show "All Things Considered" for 2/17/04.

>
>> > Here's a great interview with Rick Lindquist,
> N1RL,
> > complete with some code...(let's see if you can
> > restrain yourselves from making negative comments
> > about the source of this! lol)
> >
> <http://www.npr.org/rundowns/segment.php?wfId=1680529>
>
>

Do you Yahoo!?
Yahoo! Mail SpamGuard - Read only the mail you want.

<http://antispam.yahoo.com/tools>

Date: Wed, 18 Feb 2004 09:41:55 -0500
From: tjennin2@rochester.rr.com
To: qrp-l@Lehigh.EDU
Subject: [168290] Fox: Great Showing for NY Hams!
Message-ID: <40333363.8918.577D1B2@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Looking over K5TR's log I noticed 5 NY hams in it!
I think that may be a record. Great Job Guys!
73
Tom

Date: Wed, 18 Feb 2004 14:59:41 +0000
From: lostmessages@comcast.net
To: qrp-l@lehigh.edu
Subject: [168291] XG1 QSO ???
Message-ID: <021820041459.26338.7c34@comcast.net>

Got my XG1 signal generator from Elecraft yesterday. The thing is great... does just what it's supposed to. Nice alignment / test signal on 7.040 with either 1 uV or 50 uV.

Who's gonna be the first to hook a key and antenna to one and make a contact??

Bob WB8CAC
<http://www.qsl.net/wb8cac>

Date: Wed, 18 Feb 2004 10:12:23 -0500
From: Brad Thompson <Brad.Thompson@valley.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168292] What about conservation? (RE: New Reactor Puts Hydrogen From Renewable Fuels Within Reach)
Message-ID: <5.0.2.1.2.20040218100135.01d600c0@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello--

The missing element in all of these arguments is energy conservation. Our local automobile and truck dealers advertise a Federal tax break for buyers of heavyweight pickups and SUVs, none of which get decent gas mileage. That's illogical and wasteful.

It's irrational to squander fossil-fuel energy we'll need in the future, tear up wilderness areas for short-term resource recovery, and subsidize large corporations and agribusinesses when conservative engineering practices offer more-efficient alternatives.

Does anyone else find it odd that our "conservative" congresspeople and senators don't show any interest in "conservation."?

Obligatory QRP content: as readers of this list will attest, it's possible to do more with less!

73--

Brad AA1IP

Date: Wed, 18 Feb 2004 10:05:20 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>
Subject: [168293] Receiver Happy Dance
Message-ID: <6.0.3.0.2.20040218094646.01dc51f8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Since I had removed my 51S-1 from its position on my desk as my main receiver, I had room to set up my JRC NRD-515 (after 4 or 5 years of GET-ROUND-TUIT!) When the receiver came in, I fiddled with it for a while, over a period of a week or so, off & on (more OFF than on) and could never get audio out. Tried what I thought was EVERYTHING and then learned it had full HEADPHONE output but nada from the speaker. Fiddled some more, and, when it didn't seem to work, put it on the shelf for later perusal.

Time passes.

As I said, there was this space-available spot, and I had just gotten my Elecraft XG-1 sig-gen built, so I thought I'd take another quick look at it. Turns out there's a switch on the front panel labelled "Monitor" which I THOUGHT I had included in my original fiddling. Apparently not. Soon as I

flipped THAT switch, boom! Great audio. There is a rear-mounted Monitor volume control that is also involved, and I KNOW that it had also gotten attention, but whatever I should have done-or, more correctly, DIDN'T do-is a moot point now.

I was VERY fortunate at the time because I also got the 64ch External Memory AND the matching NS-515 Transmitter and Speaker/Power Supply (for the TX). One of two of the transmitters I have ever seen for sale. Even came with a matching JRC microphone.

It's a nice receiver. General coverage, Digital Readout, CW filter, extra Grove-installed special 455kHz AM filter, so-called Passband Tuning (only Drake made PBT), and a bandswitch that switches 1MHz bands (I LOVE THIS). Now, since I'm in Test-Mode (it started with the DSW-II-20 I just built for someone) I'll also pull the transmitter and PS together, and set its STBY current, and then see how it works. This stuff falls into the category of Vintage Solid State, but I'll bet it can be lowered to QRP levels. If not, the TX will have a VERY short tenure on the operating desk. Just about as short as the number of SSB QSOs I'm going to have (1 or 2 to see how it works)!!!

So... Happy Dance!!!

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of

Congress... but I repeat myself."

--Mark Twain

Date: Wed, 18 Feb 2004 09:10:59 -0600
From: "Mark G Janzer" <mjanzer@hal-pc.org>
To: qrp-l@lehigh.edu
Subject: [168294] Wanted Noreaster manual
Message-ID: <web-85505330@mail.hal-pc.org>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; format="flowed"
Content-Transfer-Encoding: 8bit

The AMQRP link for the Noreaster has an interesting article about how it's built, but does not have a link to the original manual that came with the unit. Does anyone have this file .pdf or otherwise?

Thanks!

72/73

Mark Janzer, K5MGJ

Oh, and check out www.mosQRPitos.net
Shamelessly promoting our Houston QRP Group...

Date: Wed, 18 Feb 2004 08:14:47 -0700
From: "Chris Trask" <chrisrask@earthlink.net>
To: <dtx@wood.tzo.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [168295] Re: New Reactor Puts Hydrogen From Renewable Fuels Within Reach
Message-ID: <010901c3f631\$f41a4aa0\$13044bab@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

>

> However, in this case (corn to ethanol) I would wonder why solar and
> or geothermal btu's shouldn't be used? Perhaps that would be a net
> loss also. Maybe you have to transport the corn grown in IA and IL
> to AZ or NM for the 359 days of sunshine a year. Perhaps it would
> take 2 to 3 times as much capital equipment for the same output since

> you can't very well run three 8 hour shifts if ol' SOL is your source
> of energy. I think the number one corollary to Murphy's law is
> nothing real is ever as simple as it looks on paper.
>

There was such a project in the midwest about ten years ago or so when there was a push to add ethanol to gasoline to stretch out the supply and reduce our dependence on foreign oil. The distillation units were originally proposed to use solar panels to gather heat, then through a heat exchanger that passed the heat to "breeders" that used bacteria or yeast to produce ethanol from silage and other industrial waste. The project was bought out quickly, then the buyers claimed that it would work faster if it used oil-fired heaters. Then they stated that it took more oil to heat the breeders than was economically feasible. So, the entire project was dismantled.

This has been the trend with any adaptation of solar and other renewable energy resources, and it was especially true during the Reagan administration which promptly dismantled any alternative energy program that had been initiated during the Carter administration. This included a large sea water desalinisation project that was intended for the Los Angeles and San Diego areas, as well as an initial thermal stratification project that was based on a long established system used in Israel.

Another such method of using lower efficiency methodology to solve a serious problem was the use of water hyacinths to extract heavy metals from sewage. This was used in the San Diego area for years, and may still be in use. It eliminates the need for heavy duty chemical processing, and the plants are harvested, dried, and then processed to remove the metals.

Any time you threaten a major industry with the prospect of making people less dependent upon them, you're going to have industry experts pouring out of the woodwork screaming at you about the lower efficiency, yaddah, yaddah, yaddah. They aren't interested in the long term social and economic benefits of such methods. They're only interested in the short term bottom line. And what happens to the politicians who promote such independence? They receive no campaign funding from the industries they threaten, and their opponents get voted in.

So, if the efficiency is less using solar input rather than oil input, who cares? The energy input from solar is free. If I had the desire to do so, I can make a solar powered digester in my back yard with little capital expenditure, and I could use the lawn trimmings from my neighbourhood as material. And maybe all of the stray cats as well.

Don't take me wrong here: I like cats. Just can't eat a whole one.

Chris

Thanks.
John K2JHU...
Melbourne Beach, FL
South Island Real Estate

johndorson@worldshare.net

Date: Wed, 18 Feb 2004 10:38:34 -0500
From: "AD4MZ Bob C" <ellyncooley@earthlink.net>
To: <qrp-1@lehigh.edu>, "GERALD STECK" <g.steck@worldnet.att.net>
Subject: [168297] Re: CW Learning Curves?
Message-ID: <001b01c3f635\$458acdd0\$5f3df7a5@system2002>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Welcome fellow "ditty bopper" Jerry, you were at Ft Devons 4 years before I got there. Remember "Con 4" our lovely chow hall and the wonderful training we got during "KP" duty?

FB on ur comments about the ops from different areas. Even now on the ham radio there are a lot of good fists from Russia and other places as well. I am sure many stories of life and death could be told about some of the ops we copied. Don't know if we have any ex military cw ops from other countries reading these posts but would love to hear some of their stories.

Jerry, Thanks for sharing yours with the group.

73

Bob

----- Original Message -----

From: GERALD STECK
To: ellyncooley@earthlink.net
Sent: Tuesday, February 17, 2004 10:58 PM
Subject: Re: CW Learning Curves?

hi Bob--this is jerry, k5psh--was an o58 1966-1970--at devens summer of '66--then to okinawa, udorn, thailand, and chitose japan--also tdy to korea in 1969--(my grandson is at camp humphries today, where i was tdy in '69)

i had been a ham for 8 years prior to entering asa--learned to cy with mill in two days--missed basic morse and went directly into the mos training phase--transition wasn't too difficult--i'd been head coping for over 7 years prior--relearning to be a ham and head/stick copy wasn't too bad either--but i still have a tendency to copy too much that the other end is saying<grin>--old habits die hard--somebody said the ruskies were the best

fists--they were good--the chinese had the tightest security/discipline over their ops--only a few breaches from the chicoms--ruskies were breaching all the time(especially if the other end op was a girl)--some of the vc ops were just pitiful fists--but i learned later they probably had a reason--very poor opr condx(physical condx i mean)some of them were sending while walking i've been told--for real?? idunno--

learning to service the chatter roll while continuing to copy the sked was a real challenge--but after a while it became natural--i just never was a good mill man--the TA boys hated to get my chatter roll--it was messy but it WAS complete--glad to meet another ditty bop--let me hear from you--maybe a qso can occur sometime--gotta run--73--jerry--k5psh

Date: Wed, 18 Feb 2004 10:48:29 -0500
From: "AD4MZ Bob C" <ellyncooley@earthlink.net>
To: <qrp-1@lehigh.edu>, "Garie Halstead K8KFJ" <khyberpass65@yahoo.com>
Subject: [168298] Re: CW Learning Curves?
Message-ID: <002201c3f636\$a849edb0\$5f3df7a5@system2002>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gary,

I felt the same way about being paid to be an SWL , play with radios every day, and best of all use some of the best and biggest antenna arrays in the world.

I still would love to connect my K1 or Sierra to series of switchable rhombics that were a couple of miles long and over 200 feet in the air. Don't forget the phased "Bob Tailed" curtains.

>From Europe at night I could easily hear most QSO's on 75m from N.A.

Congrats on the successful 22 year career in Law Enforcement. You deserve a break.

----- Original Message -----

From: "Garie Halstead K8KFJ" <khyberpass65@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, February 18, 2004 12:25 AM
Subject: Re: CW Learning Curves?

> --- AD4MZ Bob C <ellyncooley@earthlink.net> wrote:
>
> > I remember the best CW ops were always the Russians and the
> > worst I copied were the East Germans and the Polish. Not to
> > stereotype but as a general rule you could tell even before
> > you had their fix.
>
> Careful now Bob, we don't want 'em to know just how successful we were
> back in those days. HI
>
> > It was a fun job for me.
>
> Ditto here. I couldn't believe I was serving my Country, still got to
> play radio, received pay, and at the same time saw how some other
> people lived on a couple of different continents. I later got through
> a 22 year Law Enforcement career unscathed so now I just take it easy
> and CHASE TRUFFLES AND WORK DEM FOXES!! :-)
>
> 72, Gary -K8KFJ-
>
>
> -----
> Do you Yahoo!?
> Yahoo! Mail SpamGuard - Read only the mail you want.
> <http://antispam.yahoo.com/tools>

Date: Wed, 18 Feb 2004 10:58:05 -0500
From: "AD4MZ Bob C" <ellyncooley@earthlink.net>
To: <qrp-1@lehigh.edu>, "Tom Severt" <n2uhc@yahoo.com>
Subject: [168299] Re: CW Learning Curves?
Message-ID: <002701c3f637\$ff949e70\$5f3df7a5@system2002>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

wrote:

>
> > Didn't know that cw ops still had a job in 89 and
> > 90. You weren't still
> > using the old manual mill were you?
>
> Yes, "they" are still using CW. As far as the Air
> Force is concerned, though, when I got out in 1993
> they were beginning to combine the jobs of Morse
> Systems Operator (207X1) and Printer Systems Operator
> (207X2) into one general Morse/RTTY collection job.
>
> When I went to Devens, we used the old MCT-4 trainers
> which I'm sure you probably used. They were old,
> clunky obsolete machines that used paper punch tapes.
> They appeared to be about 20 or more years old in 1989
> so wouldn't be surprised if that's what you used.
> They had a picture of a keyboard on the screen in
> front of you with lights that lit up when you missed a
> character in Charlie Six mode. In Delta mode the
> lights didn't light up so you didn't know how many
> mistakes you made. It also had lights along the
> bottom that lit up as each group of five letters was
> sent, then at the tenth one we had to hit a fake
> carriage return.
>
> Luckily when I went to my duty stations in the Air
> Force we were using computers instead of the
> typewriter-type machines.
>
> Tom
>

Tom, Unless my memory has completely failed me I do not remember the MCT-4 trainers with lights and tapes. We only used a non electric manual typewriter called a "Mill". We fed endless yellow paper into it and when we completed a copy set would tear it off and take it to the front of the training room and put it in an inbasket to be hand graded. Remember this part well since I was working as a grader for my classmates after passing 18 wpm. We were in old WWII wooden buildings just like our barracks.

So CW is still alive and well. Most interesting.

73

Bob

Date: Wed, 18 Feb 2004 10:13:04 -0600
From: "George, W5YR" <w5yr@att.net>
To: "Lew Paceley" <lew@paceley.com>,
"Richard Kapalczynski" <n5ji@yahoo.com>,
Subject: [168300] Re: NETXQRP Club Meeting, Sat 21 February
Message-ID: <00fc01c3f63a\$301192e0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a word or two about my part of the meeting where I will be doing a dry-run of "Engineering the QRP Field Antenna System."

AT this time, I need feedback on the content, logic and continuity of the material, errors, suggestions for improvement, etc. This will not be a timed formal "dress rehearsal" - that comes after I incorporate your feedback. Unlike the actual pitch - which will be without audience questions or comment until the end - I will welcome input at any time you see anything to comment upon, good or bad.

At Joplin there will be a fancy video projector which should produce a high-quality large image. For Saturday, I am bringing a 17" monitor which will have to do, so be prepared to either bring binoculars or sit together up close. Sorry, but that is the best I can do.

I will pass out a handout showing each of the slides in the show which you can use if you can't see the monitor and for writing comments or questions, etc. Don't leave when you see the number of slides! Some will take a minute or two to show and present, while others will be 5-10 second snapshots just to get a number or two or a picture, so it should round out to about a 40 minute pitch.

If anyone doesn't want to stay for this, please feel free to leave. We will have lunch and the door-prize drawing first, so if you need to leave or just don't want to stay, I will not be offended.

Appreciate your help!

73, George W5YR
w5yr@att.net

George will be doing a checkout run of his presentation and would
> appreciate our critique. Also it will give us a chance to harden him for
> heckleing... [g]
> All who are interested are invited to attend. Hope to see you there.

Date: Wed, 18 Feb 2004 11:30:41 -0500
From: "James Kelley" <k4ybb@earthlink.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [168301] OT: NEED ICOM HT PART
Message-ID: <410-220042318163041441@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

TO ALL:

I am looking for an item long since discontinued. I am looking for the unit that extended the battery on an ICOM IC-2,3,4AT. The unit had a part that clipped onto the bottom of the HT in place of the battery and had a cord that went to either a clip that went to a battery and or to leads that could be connected to any battery. This then could be hung on your belt, radio on one side, battery on the other. I apologize I don't have a part number I just have the poor description above and I would like to find one or two of these units. Any help appreciated.

Thank you 72 73 00 Jim K4YBB

James Kelley
k4ybb@earthlink.net
Why Wait? Move to EarthLink.

Date: Wed, 18 Feb 2004 11:31:24 -0500
From: "palmer_t" <ThomasPalmer@colliergov.net>
To: <qrp-1@Lehigh.EDU>
Subject: [168302] Re: FOX: K5TR Log - Hunt 34
Message-ID: <C318A0DD37943143AADB8DA1362D84001E82CB@bccex0101.bcc.colliergov.net>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

K5TR (a Pesky Texan) issued pelts to 4 other Pesky Texans.=20
Pesky Texans' pelt total is 5 including K5TR as da FOX.=20
This is probably an all-time record LOW for them Pesky Texans.
Maybe we need more Pesky Texan FOXES each Season.

This Season's pelt leader, W5YR, (a Pesky Texan) bagged both pelts=20
and continues to lead all hounds - by himself - in 1st place, 1 pelt =
ahead=20
of N1FN, who also bagged both pelts and is alone in 2nd place.

W5YR has missed 1 pelt of 34; N1FN has missed 2 of 34.=20

Tom, N1TP
Naples, Florida =20

Date: Wed, 18 Feb 2004 11:40:08 -0500
From: "kennymac" <killmodell@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [168303] Re: [ELMER 160] Answers to Lesson 7 homework
Message-ID: <004301c3f63d\$dec1b2e0\$9b48b783@utad.utoledo.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Have these answers been posted ?

Thanks...

By the way, I finished my DDS last night but have not performed the smoke
test yet...I am no longer afraid of SMT :) The biggest jump in proficiency
for me was getting a very small diameter conical soldering tip..than it
became a lot of fun. The board could have been tinned a little more but I
don't know if that is normal or not...

The hardest part it seems to me is the two caps on the back, L1 and L2. Do
you guys pull those legs out a bit before soldering them?

Thanks again...This is the best Elmer project ever !!!

Ken
KC8YYC

Date: Wed, 18 Feb 2004 11:45:00 -0500
From: "AD4MZ Bob C" <ellyncooley@earthlink.net>
To: <qrp-l@lehigh.edu>, "Tom Severt" <n2uhc@yahoo.com>
Subject: [168304] Re: CW Learning Curves?
Message-ID: <002c01c3f63e\$8db80b00\$5f3df7a5@system2002>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tom,

Chicksands in England. Is that near Mendenhall AFB? That was considered to be a great assignment back in the early 70's. Did go to Clark AFB, Misawa, Japan, and Thailand, but that was in the 80's during my later career in the US Navy. Glad you got out of Clark before the eruption that closed the base.

Racal RA6790/GM

So this was the replacement for the R-390A. Must admit I have never seen or operated one. It must really beat the R-390A which is hard to imagine for CW.

Tom and the other EX Professional CW people on here this has been fun talking about the part of our lives that we could not really talk about for a long time. Guess it is a little off topic for QRP-L but I know for a fact that many of the stations we copied were running QRP, especially the ones using the hand cranked transmitters. They were fun to copy.

73

Bob

----- Original Message -----
From: "Tom Severt" <n2uhc@yahoo.com>
To: "AD4MZ Bob C" <ellyncooley@earthlink.net>
Sent: Wednesday, February 18, 2004 1:01 AM
Subject: Re: CW Learning Curves?

>
> --- AD4MZ Bob C <ellyncooley@earthlink.net> wrote:
> > Tom,
> >
> > Sent a reply but but maybe should be sending these
> > off the group. Did you

> > have any tours of duty overseas? I later was
> > transferred to W. Berlin and
> > worked with Airforce ops as well.
>
> I spent 7 months at Clark AB in the Philippines and
> got out of there about a month before the volcano
> erupted. I spent the rest of my service at RAF
> Chicksands in England.
>
> > We always used the old R-390A receivers and had two
> > to three in a rack.
> > What a monster they were but sure could pull in a cw
> > signal. Were they
> > still in use when you were in?
>
> Nope, we used the Racal RA6790/GM receivers. I really
> liked those and wouldn't mind finding one to use
> today. I also got to use a couple of old Collins 651
> receivers which had very good audio but I tended to
> think they weren't that great... not very ergonomic.
>
> > Thanks for you response. Were you a ham before
> > going in?
>
> I wish... there was a local ham in our town who kept
> wanting to show me his shack but I never took him up
> on it. Now I wish I'd learned CW before going in...
> would have been fun to go through the school a lot
> faster. I became a shortwave listener during my tour
> in the PI and didn't become a ham until the spring
> before I got out of the military. I did get a
> reciprocal license so that I could operate in England.
> I operated as G0/N2UHC. Once I got out & into the
> real world I got on HF & started operating CW a lot.
>
> Tom
>
> -----
> Do you Yahoo!?
> Yahoo! Mail SpamGuard - Read only the mail you want.
> <http://antispam.yahoo.com/tools>

Date: Wed, 18 Feb 2004 17:48:23 +0100
From: WJuergens@t-online.de (Wolf-Ruediger Juergens)
To: k5di@zianet.com,

Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [168305] Re: FOX: Triple again
Message-ID: <opr3krmxoa6ty4ml@maito.t-online.de>
Content-Type: text/plain; format=flowed; charset=iso-8859-15
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Hello Karl,

> Hi Wolf, well the space weather is perfect so I expect 0200Z is
> not a good time for propagation. The CL2YI might have been a QRO station
> that made it that far.

Yes, the spaceweather is good. A=4 K=2 looks promising.
The CL station was using 15 watt, at least thats what I have heard ;-)

> The short skip was strong last night. We will see what the DX
> contest sounds like this weekend.

I will do my main activity over night on 40m and 80m if 80m is quiet.
Over the day maybe 20m and 15m. I dont expect 10m is wide open, but we
will see...

72 es gl in arrl-dx
Wolf, DL2WRJ

Date: Wed, 18 Feb 2004 11:55:41 -0500
From: "AD4MZ Bob C" <ellyncooley@earthlink.net>
To: <qrp-l@lehigh.edu>, "Tom Severt" <n2uhc@yahoo.com>
Subject: [168306] Re: CW Learning Curves?
Message-ID: <003101c3f640\$0bb09e90\$5f3df7a5@system2002>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Do a Goole search for Radio Finger Printing. Looks like it still may be in
use today. Basically every transmitter is different and when a carrier
wave is transmitted you can sync the wave or signal with an oscilloscope and
see the detail characteristics of its wave form. Each is like a finger
print of a person. Always slightly different even from the same model radio
and made on the same day, etc. Very interesting work.

73

Bob

----- Original Message -----

From: "Tom Severt" <n2uhc@yahoo.com>
To: "AD4MZ Bob C" <ellyncooley@earthlink.net>
Sent: Wednesday, February 18, 2004 1:07 AM
Subject: Re: CW Learning Curves?

>
> --- AD4MZ Bob C <ellyncooley@earthlink.net> wrote:
> >
> > We used to manually keep data and make paper graphs
> > of the stations received
> > by freq and time of day as well as used the radio
> > finger printing methods.
> >
> > Guess this is all obsolete by now.
> >
>
> Well I'm not sure where we got some of our sked info.
> I think they always kept regular skeds but changed
> freqs only once every so often... been too long &
> can't remember, probably best so!
>
> As far as radio fingerprinting, we had a new program
> to ID transmitters by "fingerprinting" them. At least
> I think it was new, because all at once we had to
> alert them whenever our targets came up so they could
> get a look at them. Not sure now how it all worked,
> but would be interesting to learn more about it.
>
> Tom
>
> -----
> Do you Yahoo!?
> Yahoo! Mail SpamGuard - Read only the mail you want.
> <http://antispam.yahoo.com/tools>

Date: Wed, 18 Feb 2004 13:47:51 -0500
From: Brian <brian@iquest.net>
To: "" <llachow@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168307] Re: Morse code makes the National news!
Message-ID: <1077130071.4033b357ec7a6@webmail.iquest.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Very neat piece...

I liked it. Could use of public funds. NPR should have nothing but Pro-Amateur Radio programming, and pro-beermaking, and pro-eating.

Quoting Lloyd Lachow <llachow@yahoo.com>:

>
>
> Here's a great interview with Rick Lindquist, N1RL,
> complete with some code...(let's see if you can
> restrain yourselves from making negative comments
> about the source of this! lol)
>
> <http://www.npr.org/rundowns/segment.php?wfId=1680529>
>
> =====
> 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland FM19pl
> KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites
> Loop - EDZ - LW - Begali Magnetic Classic Paddles
> ARRL - ARS - QRPParci - QCWA - FISTS #8774
> FPQRP #-476 - QRP-L - BORG #2
> Fun = Skill / Power ! 8^D
>
> -----
> Do you Yahoo!?
> Yahoo! Mail SpamGuard - Read only the mail you want.
> <http://antispam.yahoo.com/tools>
>

Date: Wed, 18 Feb 2004 10:56:23 -0800 (PST)
From: Ron Majewski <bigsky2000@sbcglobal.net>
To: qrp-l <qrp-l@lehigh.edu>
Cc: Tom Palmer <n1tp@swfla.rr.com>
Subject: [168308] FOX: W8RU Fox Log (long)
Message-ID: <20040218185623.32013.qmail@web80214.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi All,

What a difference a few months makes!

Back in December I had to struggle to get 45 contacts.

Not so last night. I was hearing everyone well, particularly for the first hour. It didn't matter what direction the yagi was pointed. If you look at the log you'll see IL next to TX, PA next to SK. It was super!

Doc, K0EVZ, grabbed the first pelt on my CQ at 0200. His wire ground plane was working great because he was very strong. After that, nothing short of total chaos erupted. I tuned up and down 500 Hz and it was a solid mass of signals all anxious to be heard. That kind of sound is extremely un-nerving. I took a deep breath and started looking for holes and/or staggered calls. It took a few QSOs but a rhythm developed; the rate meter went from 30 to 50 to 80. I increased my sending speed and got a peak of 90. Whoo-whoo!

The band started changing around 0230utc and the pack really thinned out about 0300. For the last hour I could hear pieces of callsigns popping out of the noise. I tried listening on different antennas to no avail. If I missed you during this time I apologize.

I would also like to thank everyone for keeping the pile-up *extremely* polite. When I went back to someone the band was silent. That helps the Foxes out so much. Fox hunting would be a burden if the pile-up was unruly.

In the end I finished with 97 QSOs (1 dupe). I passed out pelts to 30 different states and 3 provinces.

Thanks for letting me serve as da Fox this season. To paraphrase the old A-Team TV show, "I got da jazz!" It is a TON of fun trying to pull everyone out of the pack and/or noise. The resulting head buzz -- a combination of CW ringing in the ears and euphoria -- lasts for days. Thank you!

72/3,

Ron (W8RU).

QRP-L 40M Fox Hunt
Hunt Number 34
Op: W8RU, Ron
QTH: Commerce Twp, MI
TX/RX Ant: 2el Force-12 yagi at 75ft

0200	K0EVZ	559	599	NM	DOC	4W
0201	K50I	559	559	OK	TIM	5W
0202	KK5LD	559	599	TX	DAN	4W
0203	W0ANM	559	559	MN	CHRIS	5W
0204	K9TJL	559	559	IL	TJ	5W
0204	W5TB	559	559	TX	DOC	5W
0205	AG0T	559	559	ND	TODD	4W
0206	N1FN	559	559	CO	ET	5W
0207	W0NTA	559	559	CO	DICK	5W
0207	N0UR	559	579	MN	JIM	5W
0208	K3PH	559	599	PA	BOB	5W
0209	VE5RC	559	559	SK	BRUCE	5W
0210	K6VNX	559	559	CA	ARLEN	5W
0210	K5JHP	559	559	TX	BILL	5W
0211	W5YR	559	559	TX	GEORGE	5W
0212	NN0F	559	579	IA	JOHN	5W
0213	AC5JH	559	559	OK	TOM	5W
0214	KC1FB	559	559	CT	JIM	5W
0214	K6XR	559	559	CA	REG	5W
0215	KL7V	559	559	OK	SAM	5W
0216	KJ0C	559	559	MO	JIM	5W
0217	VE6EX	559	559	AB	DAN	5W
0217	KT5V	559	559	TX	DAVID	5W
0218	WA8ZBT	559	559	TX	DENNIS	5W
0219	AA50	559	559	LA	VERN	5W
0220	KZ5J	559	599	TX	PAT	3W
0220	K7VF	559	559	CA	JEFF	5W
0221	WZ4L	559	599	TN	WOODY	5W
0222	WA5BDU	559	559	AR	NICK	3W
0222	N0TK	559	579	CO	DAN	5W
0224	VE6JAZ	559	559	AB	ROB	5W
0224	K4BYF	559	559	FL	JACK	5W
0225	K5DI	559	559	NM	KARL	5W
0226	K0LOA	559	559	TX	DWAIN	5W
0227	K5UV	559	559	OK	MIKE	5W
0227	K5PSH	559	559	TX	JERRY	5W
0228	KI0II	559	559	CO	RON	5W
0229	AC7A	559	559	AZ	TOM	5W
0229	W2XS	559	599	NY	JOHN	5W

0230	W5HNS	559	559	TX	HENRY	5W
0231	K5GQ	559	559	TX	MARK	5W
0232	KN5L	559	559	TX	JOHN	5W
0233	KI0RB	559	559	CO	VINCE	5W
0234	K7TQ	559	559	ID	RANDY	5W
0234	N5ZE	559	559	TX	LEW	5W
0235	W0CH	559	559	MO	DAVE	5W
0237	WA2AXD	559	559	NJ	BOB	5W
0238	K0FRP/4	559	559	FL	AL	5W
0239	K5DW	559	559	TX	DON	5W
0241	K5EOA	559	559	LA	WAYNE	5W
0241	NK6A	559	559	CA	DON	5W
0242	W6UR	559	559	CA	LOU	5W
0243	KG0PP	559	559	CO	JIM	5W
0244	K5SR	559	559	TX	DALE	5W
0245	W5USJ	559	559	TX	CHUCK	5W
0245	N1TP	559	559	FL	TOM	5W
0247	N4DD	559	559	TN	DENNIS	5W
0248	W0UFO	559	559	MN	MERT	5W
0248	N4ROA	559	559	VA	DAN	5W
0249	K0UU	559	559	MN	JEFF	5W
0250	K6IA	559	559	CA	WARD	5W
0251	N7MFB	559	559	WA	BILL	5W
0252	W7ILW	559	559	AZ	WALT	5W
0253	N5YFC	559	559	LA	WAYNE	5W
0254	K4PV	559	579	FL	JIM	5W
0254	W0PWE	559	559	IA	JERRY	5W
0256	KG6CYN	559	559	CA	TREV	5W
0258	KD5UDB	559	559	LA	CHRIS	5W
0300	W2XN	559	559	FL	FRED	5W
0300	N5IB	559	559	LA	JIM	5W
0301	KR0U	559	559	CO	TIM	5W
0302	VE4WI	559	559	MB	CRAIG	5W
0303	AB8DF	559	559	MI	ED	5W
0303	N7CQR	559	559	OR	DAN	5W
0305	NB7F	559	559	OR	LEE	5W
0306	W4NJK	559	559	CA	CHARLIE	5W
0308	N04D	559	559	SC	KEN	1W
0309	K0PC	559	559	MN	PAT	5W
0310	N5BJ	559	559	VA	ALAN	5W
0310	N0DT	559	559	MO	DAN	5W
0311	AG4PJ	559	559	AL	DAVE	5W
0312	N9NE	559	559	WI	TOM	5W
0313	N0DSP	559	559	CO	TOM	5W
0314	W6AZ	559	559	CA	RON	5W
0317	N3GJ	559	559	NM	GEORGE	5W
0323	KJ7HX	559	559	OR	JERRY	5W
0325	W2LJ	559	449	NJ	LARRY	5W

0327	W9XT	559 449	WI	GARY	5W
0329	WA9TZE	559 239	WI	JIM	5W
0332	KC0GXX	559 559	NE	TOM	2W
0334	AJ4AY	559 559	AL	JAY	5W
0348	AF4LQ	559 559	KY	MIKE	5W
0357	WA9TZE	559 239	WI	JIM	5W
0358	NK9G	559 559	WI	MIKE	5W
0359	N9AW	559 559	WI	JERRY	5W
0400	K5TR	xxx xxx	TX	FOX	5W
0400	W8RU	xxx xxx	MI	FOX	5W

Date: Wed, 18 Feb 2004 13:57:01 -0500
 From: James Stamper <jstamper@shentel.net>
 To: qrp-l@Lehigh.EDU
 Subject: [168309] Source for Terminal Headers
 Message-ID: <5.2.1.1.2.20040218135428.00b5c2e0@pop.shentel.net>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"; format=flowed

Can somebody tell me a source for small quantities of the kind of terminal headers used by Small Wonder Labs to connect the PCB's via ribbon cable to the pots, jacks etc.?

73,
 jim-
 KG4LDY

Date: Wed, 18 Feb 2004 19:19:41 GMT
 From: Daniel Brinneman <daniel-k2@juno.com>
 To: qrp-l@Lehigh.EDU
 Subject: [168310] elmer 160 software newbie question
 Message-ID: <20040218.111955.501.301996@webmail04.nyc.unttd.com>
 Mime-Version: 1.0
 Content-Type: text/plain

Hi Ladies and Gents,

If I get the new PIC-el board that just came out (I already have some Microchips' 16F84A).. What else do I need to learn C and be able to assemble/compile it to the

chip??

I am a novice at this and would like to get into this hobby. Right now weblink tutorials would be great, I don't have a part-time job yet.

Daniel Brinneman

The best thing to hit the Internet in years - Juno SpeedBand!
Surf the Web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Wed, 18 Feb 2004 11:31:02 -0800
From: Dan Presley <dpresley1@comcast.net>
To: qrp-1@lehigh.edu
Subject: [168311] Fwd: Z Antennas
Message-ID: <[p05010401bc596d97528c@\[192.168.123.131\]](mailto:p05010401bc596d97528c@[192.168.123.131])>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

>Thought you all might be interested in this:At the bottom of the
>email are the questions I asked.

>

>

>Dear Dan,

>

>(1) The +1.73 dBi is the gain of a small radiator. It is referenced
>to a theoretical omnidirectional radiator, hence the "i" subscript
>denoting "isotropic". For comparison, a dipole has +2.15 dBi.
>Accordingly, you might say the Z Antenna Systems antennas have a
>gain of -.42 dBd, where dBd means referenced to a dipole.

>

>(2) The proximity effect is the effect that closely spaced wires
>carrying a common current will have a current hugging the outer edge
>of the wire... the currents in the wires tend to repulse each other.
>This comes into play on our antennas in the linear capacitor made of
>zip cord... as the capacitor carries RF current, its capacitance
>changes in real time during the cycle. (I know this is hard to
>believe!) For example, for the 20 meter antenna, the capacitor has a
>static value of 30.7 pF and a variation during the applied RF of 0.8
>pF due to the proximity effect.

>

>The result is that the capacitor develops a small portion of its
>current "in phase" with its voltage, which causes the capacitor to

>develop about 18 ohms of radiation resistance... a radiating
>capacitor.
>In the PE-20 antenna, the current and voltage are 88 degrees apart
>in the proximity effect capacitor... a small but important
>difference.
>
>(3) A compact loop radiator this size would have a radiation
>resistance of 0.02 ohm (not at all effective). In our antenna, the
>loop only provides the inductance to resonate the proximity effect
>capacitor, which develops 18 ohms radiation resistance (nearly 900
>times more effective than the loop alone). The 18 ohms is matched to
>50 ohms with a 5:3 turns ratio transformer.
>
>Dan, I know this all sounds hard to believe. I have sent a PE-20
>antenna to the ARRL Laboratory to be tested by engineer lab manager
>Ed Hare W1RFI. Hopefully this will be tested in the near future.
>
>Also, I have shipped a PE-40 to Richard Fisher, director of the
>Adventure Radio Society... as well as a PE-60 to Doug Faunt N6TQS, a
>member of the A.R.S. If you find the Z Antenna Systems antenna does
>not meet your expectations, I can offer you a money back guarantee.
>
>Sincerely,
>Bob Zimmerman, VE3/NP4B
>
>Z Antenna Systems, np4b@arrl.net
>Robert K. Zimmerman, P.E.
>54 Radford Street
>Hamilton, ON L8S 3E6 Canada
>(905) 525-3189
>
>-- Dan Presley <dpresley1@comcast.net> wrote:
>Hi- saw your website, and I have some questions about your
>antennas.First, your gain figure of 1.73 dBi- what is that referenced
>to? I'm not sure I understand the 'proximity effect' as it relates to
>this antenna-can you explain? Also, how does your antenna differ from
>a compact loop? I ask this because it looks like that in the picture.
>Thanks for any clarifications.
>--
>
>
>

--
Dan Presley-N7CQR-Portland, Or QRP-L #502
n7cqr@arrl.net

Date: Wed, 18 Feb 2004 15:05:04 -0500 (EST)
From: <n2go@arrl.net>
To: <qrp-l@Lehigh.EDU>
Subject: [168312] Elmer 160: ASM vs HEX
Message-ID: <Pine.LNX.4.33.0402181502320.415-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ok this is not from the current lesson. I can't learn in a linear fashion
:(
I can program a chip using source code .ASM
How do I proceed if I only have the hex code using mplab?

73,

Jim n2go

Date: Wed, 18 Feb 2004 12:45:07 -0700
From: "Chris Trask" <chistrask@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [168313] F/A-18A Hornet on eBay: Are Batteries Included?
Message-ID: <037b01c3f657\$b78c03a0\$13044bab@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Here's an interesting update on the story about the F/A-18A that's up
for bids on eBay:

<http://home.hamptonroads.com/stories/story.cfm?story=66258&ran=60060>

Not exactly as advertised. Always beware of anything that states "Some
assembly required". I wonder if the batteries are included.

Chris

/ ,-----. / What's all this \ / extinct stuff, anyhow? / \ _ / oo\ (__)\	High Performance Mixers and Amplifiers for RF Communications Chris Trask / N7ZWY Principal Engineer Sonoran Radio Research P.O. Box 25240
---	--

Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: chistrask@earthlink.net
<http://www.home.earthlink.net/~chistrask>

Graphics by Loek Frederiks

 Date: Wed, 18 Feb 2004 15:13:49 -0500
 From: Hank Kohl K8DD <k8dd@arrl.net>
 To: geoiiii@kkn.net,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
 Subject: [168314] Re: FOX: K5TR Log - Hunt 34
 Message-ID: <6.0.3.0.2.20040218151253.022fc190@mail.arenet.net>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"; format=flowed

At 2/18/2004 12:08 AM, George Fremin III wrote:

>Here is my log.

And a good log it is!

73 Hank K8DD

aka Duck in NA Sprint and NA QSO Party

 Date: Wed, 18 Feb 2004 15:17:25 EST
 From: JCClinton46@aol.com
 To: qrp-l@lehigh.edu
 Subject: [168315] DSL noise?
 Message-ID: <15c.2d680264.2d652255@aol.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset="US-ASCII"
 Content-Transfer-Encoding: 7bit

I am considering getting DSL internet access. I have read some comments about

noise but paid little attention to them at the time. I live in a CCR community therefore attic dipole. The phone lines run mostly parallel to the dipole and 10 or more feet away (phone line near the eaves and ant. near the roof peak).

I am interested in anecdotal information from those who have experienced (or not) HF interference between the phone/DSL lines, modem and nearby antennas. Yes, I "could" move and/or put up outside antennas. Neither is in the cards at this time. I am looking for ways to erect stealth verticals and end feeds but I really need to be concerned with what I have right now.

If your experience is good or bad with DSL/ADSL and nearby antennas please answer directly. I will post a summary of the replies.

Thanks for the bandwidth.

Clint Poss
KE4FDT

Date: Wed, 18 Feb 2004 15:23:53 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <n2go@arrl.net>
Subject: [168316] Re: Elmer 160: ASM vs HEX
Message-ID: <001c01c3f65d\$21020dc0\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you already have the .hex file, simply open the file with FPP. No need to mess with MPLAB.

If you would like to try to see what the .hex file says (not pretty), in MPLAB:

File->Import ... then open the hex file
View->Program Memory ... select the "Machine" tab

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----
From: <n2go@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, February 18, 2004 3:05 PM

Subject: Elmer 160: ASM vs HEX

> Ok this is not from the current lesson. I can't learn in a linear fashion
> :(
> I can program a chip using source code .ASM
> How do I proceed if I only have the hex code using mplab?
>
> 73,
>
> Jim n2go
>
>

Date: Wed, 18 Feb 2004 15:30:39 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <daniel-k2@juno.com>
Subject: [168317] Re: elmer 160 software newbie question
Message-ID: <002201c3f65e\$133b54c0\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Daniel

If you go to the AmQRP web site, in the Elmer 160 section, there is a full description.

We aren't doing C ... in the smaller chips you need to get pretty competent with the chip before you can hope to make sense of C. Plus, all the decent C compilers cost money. However, we are doing assembler.

We are 11 lessons into it right now, but all the lessons are posted on the AmQRP web site.

All the development tools are free, instructions on how to download/install are in the lessons. However, you do need a fair bit of free disk and a reasonably up to date PC (need to run Internet Explorer 5.5 or later to install MPLAB!) In addition to the PIC-EL, you will need a standard serial cable and a free serial port. You can make up the cable pretty simply, since it will probably be short, or buy one at Radio Shack.

The DDS Daughtercard is a "nice to have". One of the PIC-EL test routines uses it, but the test runs fine if it's not there. Later in the course we will talk about programming it.

All the details are described at:

<http://www.amqrp.org/elmer160>

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Daniel Brinneman" <daniel-k2@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, February 18, 2004 2:19 PM
Subject: elmer 160 software newbie question

>
> Hi Ladies and Gents,
>
> If I get the new PIC-el board that just came out (I already have some
Microchips' 16F84A).. What else do I need to learn C and be able to
assemble/compile it to the chip??
>
> I am a novice at this and would like to get into this hobby. Right now
weblink tutorials would be great, I don't have a part-time job yet.
>
>
> Daniel Brinneman
>
>
> -----
> The best thing to hit the Internet in years - Juno SpeedBand!
> Surf the Web up to FIVE TIMES FASTER!
> Only \$14.95/ month - visit www.juno.com to sign up today!
>

Date: Wed, 18 Feb 2004 15:42:08 -0500
From: "Ken Kirkley" <no4d@charter.net>
To: <Elecrafft@mailman.qth.net>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [168318] FOX & KX1
Message-ID: <001001c3f65f\$af678930\$0300a8c0@laptop>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Seems like the KX1 has some MOJO in it like the K1 and K2! Last week I worked my first FOX with it. Last night I was able to work both of them....while sitting in my recliner with my legs crossed running off of the internal batteries. Worked Michigan and Texas with 1 watt from SC. I have to say that it is a great little rig! Also, used the RIT last night for the first time. One of the FOXII was working split...RIT worked great. Now, for the mailman to deliver my KXPD1! Hope to have it by the first of next week.

Ken/N04D
KX1 #378

Date: Wed, 18 Feb 2004 14:45:24 -0600
From: "sjolin" <sjolin@swbell.net>
To: <JClinton46@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168319] Re: DSL noise?
Message-ID: <0e0b01c3f660\$23275760\$78d1fea9@DaveSjolin>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: <JClinton46@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, February 18, 2004 2:17 PM
Subject: DSL noise?

> I am considering getting DSL internet access. I have read some comments
> about
> noise but paid little attention to them at the time. I live in a CCR
> community therefore attic dipole. The phone lines run mostly parallel to
> the dipole
> and 10 or more feet away (phone line near the eaves and ant. near the roof
> peak).
>
> I am interested in anecdotal information from those who have experienced
> (or

> not) HF interference between the phone/DSL lines, modem and nearby
antennas.
> Yes, I "could" move and/or put up outside antennas. Neither is in the
cards at
> this time. I am looking for ways to erect stealth verticals and end feeds
but
> I really need to be concerned with what I have right now.
>
> If your experience is good or bad with DSL/ADSL and nearby antennas please
> answer directly. I will post a summary of the replies.

Clint, I dont know if my case is normal but my office computer with the DSL
modem is one floor up and about six to eight above my shack. The phone line
runs from the office down and then about four feet above the shack as it
goes to the junction box. It comes within four or five feet of my HF coax. I
also have a phone with a filter on it in the shack.

I rarely turn off the computer or modem. I havent noticed any increase in
noise on my radio on HF frequencies nor on two meter ssb/cw. I have had line
noise, espically around Xmas time but I dont recall any problems with the
DSL service. Next week when I am fox I will turn it off and see if I can dig
any deeper in the noise for signals. It definitely doesnt cause the kind of
interference that BPL is supposed to create.

73 de Dave, N0IT

Date: Wed, 18 Feb 2004 15:54:09 -0500
From: "James Kelley" <k4ybb@earthlink.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [168320] OT: BATT UNIT 4 ICOM IC-2AT
Message-ID: <410-22004231820549622@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

TO ALL:

THE ICOM unit I am looking for is NOT the DC-1. The unit I am
looking for is different, the clip, plug that goes on bottom of IC-2AT is
max 1/2 inch high and has a FIXED cord out the side, NOT out the back like
the DC-1. The cord on the DC-1 is removable and the unit I want , the cord
is FIXED. I may end up making do with a DC-1 or a BP-4 but I am asking
round just in case someone has one what is like I need and is willing to
part with it at a price I can afford.

My apologizes for the extra bandwidth and my appreciation for all the

answers I have already received and the ones I know I am going to get.

Thank you. 72 73 00 Jim K4YBB

James Kelley
k4ybb@earthlink.net
Why Wait? Move to EarthLink.

Date: Wed, 18 Feb 2004 15:58:01 -0500 (EST)
From: <n2go@arrl.net>
To: "John J. McDonough" <wb8rcr@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168321] Re: Elmer 160: ASM vs HEX
Message-ID: <Pine.LNX.4.33.0402181557030.1380-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Oh,
I forgot to mention I am using a pic start compatible programmer.
anywho, that answered my question. It works, Thanks.

73,

Jim n2go

Date: Wed, 18 Feb 2004 15:55:43 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: w1rfi@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [168322] Re: Logbook of the World
Message-ID: <4033D14F.59466460@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed,

The paper QSL is one of the "cultural standards" of Amateur Radio. I

agree that QSLing has become more expensive in these later days, but the cost can be managed by using the bureau system. Of course, this has the problem of a longer turn around time than mail, but it gets you the card.

Also, the larger DXpeditions will almost always respond through a QSL manager. And are you saying that a North Korean station would forego a printed QSL? It would be a real special event, the first station from North Korea since, probably, there was a North Korea? I seriously doubt that the expedition's supplier of gear would not provide them with as many cards as they would need.

I will agree with you on only one point, electronic QSL are faster. But somehow the idea of hanging a sheet of green bar on the shack wall leaves a lot to be desired. Now if you want a further enhancement to LoTW, consider this: ask every registrant for an electronic copy of their QSL card and then, as confirmations come in they can be printed on thin card stock and mailed to the recipient in bundles of 10 or so. This accomplishes the one missing part of LoTW, read card confirmations.

Bruce

>
> I, too, enjoy real QSL cards, but for confirmation from DX stations, those can be a lot
> expensive than any electronic-QSL fees.
>
> I also would imagine that some stations will choose to QSL only electronically. There
> is nothing wrong with a ham deciding that he or she will only collect paper QSLs, but
> there is also nothing wrong with a major DXpedition deciding to upload the logs
> and be done with QSLing. Those paper QSLs are nice to collect, but a DX station that
> makes thousands of contacts a year will have a lot of work to do to send them.
>
> I would imagine that if N Korea becomes active and QSLs only electronically, most hams
> would still choose to work the station. :-)
>

Date: Wed, 18 Feb 2004 16:38:11 -0500
From: Jim Eshleman <jce0@Lehigh.EDU>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168323] The future of QRP-L

Message-ID: <4033DB43.5020103@Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Gang,

I will pull the plug on QRP-L on Feb 29. You'll need to find a new home. Between complaints of not stopping OT discussions soon enough and stopping OT discussions too soon, not allowing this and that, delays due to moderation, and to top it off, someone calls my employer to complain that I must do nothing all day but sit around and moderate the list. I'm lucky to have been employed here over 20 years and have superiors that know better and tell me "don't worry about it" but I don't want to subject them to all the crap that I put up with from people that would resort to such petty behaviour.

The list will be unmoderated until the 29th. No one has been banned from the list since Chuck gave it up some time ago as I thought moderation was a better choice, but I reserve the right to ban anyone due to profanity, name-calling, and the like.

It's been (mostly) fun...

73
Jim N3VXI

Date: Wed, 18 Feb 2004 17:38:34 -0600
From: Jeff Strandberg <wv3b@us.net>
To: qrp-l@lehigh.edu
Subject: [168324] FOX: 2 pelts, 5 calls, 5 min
Message-ID: <1077147514.4033f77a6258c@webmail.us.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

0145Z Stuck on tarmac at MSP, flight arrived late, no empty gate

0240Z Reach QTH, loosen tie, kiss wife, pet dog, remember 40m Fox nite

0245Z Swap out K1 filter boards, diddle with ZM-2 tuner

0248Z Spin dial to 7042 pileup, adjust RIT, make 3 calls before bagging W8RU

0249Z Spend 5 mins listening to W8RU ("Okay, his name's MIRON, where is he?")

0254Z Spin dial to 7036 pileup, adjust RIT, call twice and bag K5TR

A long day just become a great night, thanks to 2 FB Foxes.

Hours later it struck me: "Miron" was "Ron" in "MI". Duh.

-Jeff K0UU

This mail sent through IMP: <http://horde.org/imp/>

Date: Wed, 18 Feb 2004 16:58:56 -0500
From: "David LeDuc" <dleduc@adelphia.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>,
"Tentec@Contesting.Com" <tentec@contesting.com>
Subject: [168325] FS: Argosy 525
Message-ID: <MPEBLEI0LEPIGHEMLNNOMEJCJAA.dleduc@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an excellent condition Argosy 525 for sale. It has the 223 noise blanker and the 226 calibrator. Also, the 224 8 pole 2.4 filter and the 218 1.8Khz SSB filter. PT0 is smooth and receiver is very hot. I also have the matching 225 power supply. It can be run either as 50W or 5W. It is a great QRP rig. Includes original manuals. \$250 plus shipping from 03858

Date: Wed, 18 Feb 2004 15:02:55 -0700
From: Bruce Grubbs <mail@brucegrubbs.com>
To: JClinton46@aol.com,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [168326] Re: DSL noise?
Message-ID: <200402181502.55556.mail@brucegrubbs.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Clint,
I've had DSL (256mbps) for over a year and I've never noticed any interference.
My antennas (a 40m vertical and 40m horizontal loop) are on the roof. And I
love the DSL.

73,
Bruce
N7CEE
Flagstaff, AZ

Date: Wed, 18 Feb 2004 17:04:25 -0500
From: "palmer_t" <ThomasPalmer@colliergov.net>
To: <qrp-1@Lehigh.EDU>
Subject: [168327] Re: FOX: W8RU Fox Log (long)
Message-ID: <C318A0DD37943143AADB8DA1362D84009592D0@bccex0101.bcc.colliergov.net>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I count 16 Pesky Texans.

Tom, N1TP
Naples, Florida

Date: Wed, 18 Feb 2004 17:07:13 -0500
From: "Charles W3KC" <w3kc@starpower.net>
To: <qrp-1@lehigh.edu>
Subject: [168328] FS- Wilderness NC40A
Message-ID: <001901c3f66b\$90f1b8c0\$3f032c42@w3kc>

Excellent shape. \$120 plus shipping.
72 de Charles W3KC

Date: Wed, 18 Feb 2004 22:05:08 -0000
From: "Dick" <dick@pascoes.plus.com>
To: <jce0@Lehigh.EDU>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168329] Re: The future of QRP-L
Message-ID: <009801c3f66b\$4652c930\$6a329fd4@main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Gang,
>
> I will pull the plug on QRP-L on Feb 29.

Jim,

I am surprised like many to hear of the flames you have had to endure and I am very sorry to hear about it.

Many thanks for all your work over the past years on behalf of all QRP-ARCI members.

Dick Pascoe G0BPS
President QRP-ARCI. (QRP-Amateur Radio Club International - www.qrparci.org)

Fishing is the closest thing to doing nothing at all, without getting into politics.

All mail from me is checked by Norton before posting and is (hopefully) Virus Free.

Date: Wed, 18 Feb 2004 17:11:28 -0500 (EST)
From: <n2go@arrl.net>
To: Jim Eshleman <jce0@Lehigh.EDU>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168330] Re: The future of QRP-L
Message-ID: <Pine.LNX.4.33.0402181709370.2776-100000@valhalla.v>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks for fine job that you have done Jim. Now we need to see if any of the crybabies will step up to the plate. I doubt that it will happen. They are "tough guys with a keyboard".

73,

Jim n2go

Date: Wed, 18 Feb 2004 15:09:03 -0700
From: Jerry Haigwood <w5jh@swlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [168331] AZ ScQRPion Paddle Update
Message-ID: <4033E27F.F3C7BF03@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,

Before Jim pulls the plug on this great forum we all drain into the quagmire we have created, I would like to provide you with an update on the paddle business. Next Tuesday we plan to ship another 15-20 paddles. That will complete batch 5. I have cut arms and posts for batch 6 and we plan to start shipping batch 6 orders on or about March 9-10. Since this date will be past the time QRP-L is to shut down, I will post future information on my web site. If you have placed an order the past week or so, you should see your name on the shipped list either next Wednesday or on March 11.

We thank you for your support (and you too Jim!).

Jerry W5JH
<http://www.swlink.net/~w5jh/brasspaddle.htm>

Date: Wed, 18 Feb 2004 17:05:00 -0500 (EST)
From: <ah7i@atl.org>
To: Chris Trask <chistrask@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168332] Re: F/A-18A Hornet on eBay: Are Batteries Included?

[illegible]

16	TX
9	CA
8	CO
6	WI
5	MN
5	LA
5	FL
4	OK
3	OR
3	NM
3	MO
2	VA
2	TN
2	NJ
2	IA
2	AZ

2 AL
2 AB
1 WA
1 SK
1 SC
1 PA
1 NY
1 NE
1 ND
1 MI
1 MB
1 KY
1 IL
1 ID
1 CT
1 AR

palmer_t wrote:

> I count 16 Pesky Texans.
>
> Tom, N1TP
> Naples, Florida
>
>

Date: Wed, 18 Feb 2004 17:22:17 -0500
From: "KennyMac" <killmodell@earthlink.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>
Subject: [168335] RE: Elmer 160: Lesson 8 - MPLAB Sim behavior
Message-ID: <000101c3f66d\$abd02940\$b7a1b83f@toledopc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Has this been answered?...this is where I am in the coursework as well
and I also noticed this behavior...

Thanks

Ken KC8YYC

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Scott D Hankin

Sent: Sunday, February 08, 2004 1:17 PM

To: Low Power Amateur Radio Discussion

Subject: Elmer 160: Lesson 8 - MPLAB Sim behavior

Howdy -

I noticed while working through Lesson 8 that if you clicked "Fire" on both RA0 and RB0 prior to stepping, only one (the first) would register.

The second would be missed. In this case, only the first pin in the list would register, regardless of which pin was fired first.

Is the consistent with the actual operation of the 16F84A, or just a glitch in the simulator?

- Scott AB1BP

Scott Hankin | In the beginning, there was nothing, then
IBM/Rational Software | God said, "Let there be light." And there
20 Maguire Road | was light. There was still nothing, but
Lexington, MA 02421 | you could see it a lot better.

Date: Wed, 18 Feb 2004 17:19:39 -0500

From: "Ken Kirkley" <no4d@charter.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>, <jce0@Lehigh.EDU>

Subject: [168336] Re: The future of QRP-L

Message-ID: <003901c3f66d\$4d526720\$0300a8c0@laptop>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hey Jim,

I am sorry to see the list go, but I completely understand. In the early days of Bulletin Boards I moderated a couple...boy what a lesson I learned. Thanks for all of your hard work and thanks to your employer for the server space.

To bad some of these "guys" don't have a real life. If they did they

wouldn't have time for such childish behavior.

73 & God Bless,
Ken/N04D

----- Original Message -----

From: "Jim Eshleman" <jce0@Lehigh.EDU>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, February 18, 2004 4:38 PM
Subject: The future of QRP-L

> Gang,
>
> I will pull the plug on QRP-L on Feb 29. You'll need to find a new
> home. Between complaints of not stopping OT discussions soon enough and
> stopping OT discussions too soon, not allowing this and that, delays due
> to moderation, and to top it off, someone calls my employer to complain
> that I must do nothing all day but sit around and moderate the list.
> I'm lucky to have been employed here over 20 years and have superiors
> that know better and tell me "don't worry about it" but I don't want to
> subject them to all the crap that I put up with from people that would
> resort to such petty behaviour.
>
> The list will be unmoderated until the 29th. No one has been banned
> from the list since Chuck gave it up some time ago as I thought
> moderation was a better choice, but I reserve the right to ban anyone
> due to profanity, name-calling, and the like.
>
> It's been (mostly) fun...
>
> 73
> Jim N3VXI
>
>
>

Date: Wed, 18 Feb 2004 16:23:51 -0600
From: "Boulineau, Lee" <lee.boulineau@attws.com>
To: <jce0@Lehigh.EDU>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168337] RE: The future of QRP-L
Message-ID: <3CD5FC1B2837DC46BC77FDDF187C26E3149D9D@tx-msg07-

ccc.wireless.attws.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: quoted-printable
content-class: urn:content-classes:message

Jim,=20

I am saddened by this, but not surprised.....and that saddens me more! Many thanks for your time and energy in maintaining the list!!!

72 de N4MVL Lee

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Jim Eshleman
Sent: Wednesday, February 18, 2004 4:38 PM
To: Low Power Amateur Radio Discussion
Subject: The future of QRP-L

Gang,

I will pull the plug on QRP-L on Feb 29. You'll need to find a new=20 home.=20

Date: Wed, 18 Feb 2004 15:25:49 -0700
From: "John_Evans" <jaevans@codenet.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168338] Re: The future of QRP-L
Message-ID: <200402181525.AA229900748@mail.codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Jim,

Thanks for all the hard work - it only takes a few "well meaning" individuals to ruin it for all of us though. Best to you and the future - maybe we'll connect on the air (now there's a novel concept). I'll even use the @ symbol and send you my email :)

72 - john - n0hj

Date: Wed, 18 Feb 2004 16:26:58 -0600
From: "sjolin" <sjolin@swbell.net>
To: <jce0@Lehigh.EDU>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168339] Re: The future of QRP-L
Message-ID: <0e7e01c3f66e\$530aad70\$78d1fea9@DaveSjolin>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for running qrp-l. Sorry you had to put up with so much grief.

73 de Dave, N0IT

----- Original Message -----

From: "Jim Eshleman" <jce0@Lehigh.EDU>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, February 18, 2004 3:38 PM
Subject: The future of QRP-L

> Gang,

>

> I will pull the plug on QRP-L on Feb 29. You'll need to find a new
> home. Between complaints of not stopping OT discussions soon enough and
> stopping OT discussions too soon, not allowing this and that, delays due
> to moderation, and to top it off, someone calls my employer to complain
> that I must do nothing all day but sit around and moderate the list.
> I'm lucky to have been employed here over 20 years and have superiors
> that know better and tell me "don't worry about it" but I don't want to
> subject them to all the crap that I put up with from people that would
> resort to such petty behaviour.

>

> The list will be unmoderated until the 29th. No one has been banned
> from the list since Chuck gave it up some time ago as I thought
> moderation was a better choice, but I reserve the right to ban anyone
> due to profanity, name-calling, and the like.

>

> It's been (mostly) fun...

>

> 73

> Jim N3VXI

>

>

>

>

>

>

>

>

>

>

>

Date: Wed, 18 Feb 2004 15:29:44 -0700
From: w5xe@juno.com
To: jce0@lehigh.edu, qrp-l@lehigh.edu
Subject: [168340] Re: The future of QRP-L
Message-ID: <20040218.152945.-414565.4.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim, whether said so or not - your efforts in providing the list are and have been greatly appreciated, at least by me. Even tho I sometimes may have not agreed with a lost message, in the long run you did right. thanks again, and cu sn OM.

73

Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, OOTC#3618, SOWP#1064M SOC#78
fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

PS There is no reason for anyone to get ugly and do name calling or boss calling, etc. That is unforgiveable.

Date: Wed, 18 Feb 2004 17:39:38 -0500
From: "David J. Adams" <david@theadamsclan.com>
To: jaevans@codenet.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168341] Re: The future of QRP-L
Message-ID: <4033E9AA.6010908@theadamsclan.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

So the obvious question becomes, do we, as a community, want to continue the qrp-l list on another server (and do we have to change the name due to anyone "owning" the rights) or let it pass into qrp history? If we do, who wants to pony up the server space? I have the a bit of bandwidth to spare, but suspect folks may object to the notion of emailing to qrp-l@theadamsclan.com. Regardless, I'd like to help in any way I can.

73 de dave, n9uxu
...bicycle mobile...with metal-studded tires to assist in the battle
against ice...
John_Evans wrote:

>Jim,
>
> Thanks for all the hard work - it only takes a few "well meaning" individuals
to ruin it for all of us though. Best to you and the future - maybe we'll connect
on the air (now there's a novel concept). I'll even use the @ symbol and send you
my email :)
>
>72 - john - n0hj
>
>
>
>
>

Date: Wed, 18 Feb 2004 17:43:37 -0500
From: "KennyMac" <killmodell@earthlink.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>
Subject: [168342] RE: F/A-18A Hornet on eBay: Are Batteries Included?
Message-ID: <000e01c3f670\$a6f044c0\$b7a1b83f@toledopc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

What is the minimum license you need to drive one of those? Would I just
need my SEL and get checked out or do you need ATP and / or specific
check-rides? Just curious ...boy would that be a blast or what? Does it
come with or without the AMRAAM's :)

Ken KC8YYC

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf
Of ah7i@atl.org
Subject: Re: F/A-18A Hornet on eBay: Are Batteries Included?

Sitting here next to a guy who built F16's and F22's and he says the wings will be a bitch. Bulkheads are the most expensive parts though and they are sitting there on the auction plane, apparantly in good shape.

- Bob

On Wed, 18 Feb 2004, Chris Trask wrote:

```
> Here's an interesting update on the story about the F/A-18A that's
up
> for bids on eBay:
```

```
> http://home.hamptonroads.com/stories/story.cfm?story=66258&ran=60060
```

```
> Not exactly as advertised. Always beware of anything that states
"Some
> assembly required". I wonder if the batteries are included.
```

```
> Chris
```

>

```
> /-----\      High Performance Mixers and
> /   What's all this   \  Amplifiers for RF Communications
```

```
> / extinct stuff, anyhow? /
> \ ,-----'
```

$$V_{\text{eff}} = \frac{1}{2} m v^2 + U(r)$$

> oo\

> (_)

$$> \frac{1}{\sqrt{2}}$$
 $\gt \quad \backslash$

>

>

>

>

>

>

>

>

>

High Performance Mixers and Amplifiers for RF Communications

Chris Trask / N7ZWY

Principal Engineer

Sonoran Radio Research

P.O. Box 25240

Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: christrask@earthlink.net

<http://www.home.earthlink.net/~christrask>

Graphics by Loek Frederiks

Date: Wed, 18 Feb 2004 17:44:05 -0500 (EST)

From: <w9ya@arrl.net>

To: <grp-1@Lehigh.EDU>

Subject: [168343] Re: Fwd: Z Antennas
Message-ID: <4932.192.168.1.117.1077144245.squirrel@gateway>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Hey Dan and the gang;

Thanks for sharing this.

His answer, if I read it correctly, means the quoted gain appears to be a calculated amount and not from actual range-based (radiation) testing. Kinda figures he would have to have done just that, when you compare this to other small loop antennas and compare them for similarities and differences in their respective construction. (For the record -> when it comes to antennas NOTHING is as good as a range test of your assumptions.)

Sad really when you consider that this fellow really believes his assumptions and the interpolated results.

Vy 72;

Bob
w9ya

>>Thought you all might be interested in this:At the bottom of the email
>> are the questions I asked.

>>

>>

>>Dear Dan,

>>

>>(1) The +1.73 dBi is the gain of a small radiator. It is referenced to
>> a theoretical omnidirectional radiator, hence the "i" subscript
>> denoting "isotropic". For comparison, a dipole has +2.15 dBi.
>>Accordingly, you might say the Z Antenna Systems antennas have a gain
>> of -.42 dBd, where dBd means referenced to a dipole.

>>

>>(2) The proximity effect is the effect that closely spaced wires
>> carrying a common current will have a current hugging the outer edge
>> of the wire... the currents in the wires tend to repulse each other.
>> This comes into play on our antennas in the linear capacitor made of
>> zip cord... as the capacitor carries RF current, its capacitance
>> changes in real time during the cycle. (I know this is hard to
>>believe!) For example, for the 20 meter antenna, the capacitor has a
>> static value of 30.7 pF and a variation during the applied RF of 0.8
>> pF due to the proximity effect.

>>
>>The result is that the capacitor develops a small portion of its
>> current "in phase" with its voltage, which causes the capacitor to
>> develop about 18 ohms of radiation resistance... a radiating
>>capacitor.
>>In the PE-20 antenna, the current and voltage are 88 degrees apart in
>> the proximity effect capacitor... a small but important
>>difference.
>>
>>(3) A compact loop radiator this size would have a radiation
>>resistance of 0.02 ohm (not at all effective). In our antenna, the
>> loop only provides the inductance to resonate the proximity effect
>> capacitor, which develops 18 ohms radiation resistance (nearly 900
>> times more effective than the loop alone). The 18 ohms is matched to
>> 50 ohms with a 5:3 turns ratio transformer.
>>
>>Dan, I know this all sounds hard to believe. I have sent a PE-20
>> antenna to the ARRL Laboratory to be tested by engineer lab manager Ed
>> Hare W1RFI. Hopefully this will be tested in the near future.
>>
>>Also, I have shipped a PE-40 to Richard Fisher, director of the
>>Adventure Radio Society... as well as a PE-60 to Doug Faunt N6TQS, a
>> member of the A.R.S. If you find the Z Antenna Systems antenna does
>> not meet your expectations, I can offer you a money back guarantee.
>>
>>Sincerely,
>>Bob Zimmerman, VE3/NP4B
>>
>>Z Antenna Systems, np4b@arrl.net
>>Robert K. Zimmerman, P.E.
>>54 Radford Street
>>Hamilton, ON L8S 3E6 Canada
>>(905) 525-3189
>>
>>-- Dan Presley <dpresley1@comcast.net> wrote:
>>Hi- saw your website, and I have some questions about your
>>antennas.First, your gain figure of 1.73 dBi- what is that referenced
>> to? I'm not sure I understand the 'proximity effect' as it relates to
>> this antenna-can you explain? Also, how does your antenna differ from a
>> compact loop? I ask this because it looks like that in the picture.
>> Thanks for any clarifications.
>>--
>>
>>
>>
>
> --
> Dan Presley-N7CQR-Portland, Or QRP-L #502

> n7cqr@arrl.net

Date: Wed, 18 Feb 2004 17:44:18 -0500
From: "David LeDuc" <dleduc@adelphia.net>
To: "Tentec@Contesting.Com" <tentec@contesting.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168344] RE: Argosy 525
Message-ID: <MPEBLEI0LEPIGHEMLNNOAECPCJAA.dleduc@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Argosy is sold. Thanks for all the replies.

Dave N1IX

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
David LeDuc
Sent: Wednesday, February 18, 2004 4:59 PM
To: Low Power Amateur Radio Discussion
Subject: FS: Argosy 525

I have an excellent condition Argosy 525 for sale. It has the 223 noise
blanker and the 226 calibrator. Also, the 224 8 pole 2.4 filter and the 218
1.8Khz SSB filter. PT0 is smooth and receiver is very hot.
I also have the matching 225 power supply. It can be run either as 50W or
5W. It is a great QRP rig. Includes original manuals.
\$250 plus shipping from 03858

Date: Wed, 18 Feb 2004 17:47:42 -0500
From: "KennyMac" <killmodell@earthlink.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [168345] RE: The future of QRP-L

Message-ID: <000f01c3f671\$3901ea30\$b7a1b83f@toledopc.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well, that bites. If someone started messing with where I worked, I would be looking to kick butt and take names. I do thank you for all you've done...this is / was my favorite list.

Thanks again, hope to make contact with ya on air sometime.

Ken
KC8YYC

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Jim Eshleman
Sent: Wednesday, February 18, 2004 4:38 PM
To: Low Power Amateur Radio Discussion
Subject: The future of QRP-L

Gang,

I will pull the plug on QRP-L on Feb 29. You'll need to find a new home. Between complaints of not stopping OT discussions soon enough and stopping OT discussions too soon, not allowing this and that, delays due to moderation, and to top it off, someone calls my employer to complain that I must do nothing all day but sit around and moderate the list. I'm lucky to have been employed here over 20 years and have superiors that know better and tell me "don't worry about it" but I don't want to subject them to all the crap that I put up with from people that would resort to such petty behaviour.

The list will be unmoderated until the 29th. No one has been banned from the list since Chuck gave it up some time ago as I thought moderation was a better choice, but I reserve the right to ban anyone due to profanity, name-calling, and the like.

It's been (mostly) fun...

Jim N3VXI

Date: Wed, 18 Feb 2004 17:50:25 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [168346] Re: The future of QRP-L
Message-ID: <007d01c3f671\$99206400\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have to second that Jim. Jim Eshelman has done a great job, and it's a tough one at that. Sorry to see him go, but I completely understand his problem. I certainly would not have had the patience, nor the diplomacy, that Jim has shown over the years.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: <n2go@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, February 18, 2004 5:11 PM
Subject: Re: The future of QRP-L

> Thanks for fine job that you have done Jim. Now we need to see if any of
> the crybabies will step up to the plate. I doubt that it will happen.
> They are "tough guys with a keyboard".
>
> 73,
>
> Jim n2go
>
>
>

Date: Wed, 18 Feb 2004 17:52:52 -0500 (EST)
From: <ah7i@atl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168347] Re: The future of QRP-L
Message-ID: <Pine.LNX.4.33.0402181742090.27842-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If there is enough interest in keeping the list, I'll be happy to host it.
No moderation. No technical assistance.

-Bob
ah7i

Date: Wed, 18 Feb 2004 16:00:06 -0700
From: "Chris Trask" <chistrask@earthlink.net>
To: <killmodell@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [168348] Re: F/A-18A Hornet on eBay: Are Batteries Included?
Message-ID: <04dd01c3f672\$f4cebd00\$13044bab@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

>
> What is the minimum license you need to drive one of those? Would I just
> need my SEL and get checked out or do you need ATP and / or specific
> check-rides? Just curious ...boy would that be a blast or what? Does it
> come with or without the AMRAAM's :)
>

You'll need a multi-engine rating, and with this bird you'll end up with
an inline thrust restriction. That's what I had until flying C-130's. We
were one of the last UPT classes to get the FAA freebee MEL with instrument
and night ratings.

Chris

/ ,-----. / What's all this \	High Performance Mixers and
/ extinct stuff, anyhow? /	Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

Email: christrask@earthlink.net
<http://www.home.earthlink.net/~christrask>

[illegible]

Date: Wed, 18 Feb 2004 17:24:22 -0600 (CST)
From: "Dale Botkin" <dale@botkin.org>
To: ah7i@atl.org
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [168350] Re: The future of QRP-L
Message-ID: <25878.64.95.47.131.1077146662.squirrel@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

> If there is enough interest in keeping the list, I'll be happy to host it.
> No moderation. No technical assistance.

Ditto. No moderation unless it's needed, but I will filter SPAM with SpamAssassin. In the mean time anyone who prefers a web based forum is welcome to use the QRP forum I just set up:

<http://www.hamgadgets.com/forum>

Jim, I ran a BBS in the 80's, ran an ISP in the 90's and ran the PICList for a couple of years. I completely understand. I guess I'm a slow learner though.

72,
Dale - N0XAS

--

It's a thankless job, but I've got a lot of Karma to burn off.

Date: Wed, 18 Feb 2004 15:34:43 -0800
From: "john gabbard" <johngabbard@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168351] future of qrp-l
Message-ID: <002e01c3f677\$ca36dc80\$3c811c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks very much for your time and effort Jim, I really enjoyed this list and looked forward to it each day. There were so many fine idea's and seemed like everybody was always eager to help if you had a problem.

Hope you change your mind, Best Regards Jim, GL 73' John KF70M

Date: Wed, 18 Feb 2004 15:37:26 -0800
From: John Somerville <forthman@shaw.ca>
To: jce0@Lehigh.EDU
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168352] Re: The future of QRP-L
Message-ID: <4033F736.3080600@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

Jim,

Thanks for all your fine efforts.

72/73 John VE7CFG

Date: Wed, 18 Feb 2004 18:55:55 -0500
From: "Carr Family" <acarr@pivot.net>
To: <qrp-l@Lehigh.EDU>
Subject: [168353] ELMER 160 CTS signal on PIC-EL
Message-ID: <000001c3f67a\$bfa65d60\$0100a8c0@china>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

I have been working on programming 18F1220 parts in the PIC-EL. I have had good success on a P90 laptop and not so good results on a P466. I have put a 2.2K resistor from the emitter to base of Q4 and that produced solid results on the P466 machine. Q4 was switching at about the 4 volt level as measured at pin RB7. The idea of the 2.2k was to move the switching point down to the 1 to 2 volt range typical with TTL levels. Since I don't have a scope, I am concerned that I may have moved the operation of Q4 into an analog load point vs the desired switching behavior. Perhaps someone with a scope would like to check it out.

My other idea is to perhaps put a diode in series with R9, but I tried the resistor first because it was an easier change.

Ron

WA1VGB

Date: Wed, 18 Feb 2004 18:45:19 -0500
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [168354] The future of QRP-L
Message-ID: <20040218.184637.10126.7.kc8aon@juno.com>

Why shut it down ? Why moderate ? Why worry if someone thinks a post is off topic or not ? This is a discussion list ! And in any discussion with multiple members, there will be varying opinions. Everyone has their own opinion, and they are entitled to it ! Why not just leave QRP-L in operation, and leave it up to the individual to do his own moderation ? If you don't like what someone says, use your delete button or put a block on that person ! Or, just read it from the web like I do ! I just read the stuff I feel would be of interest to me, and don't even look at the other stuff ! It's a simple solution to a silly problem ! And if there are folks on here that aren't adult enough to take it unedited, then maybe it needs to be shut down !

And if you don't like my opinion on the matter - TOUGH ! I don't like your opinion either ! Get over it !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Yaesu FT-7, Homebrew 6V6 tube TX
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists, MQFD #1
Monthly QRP Field Day info at : <http://www.smartgroups.com/groups/mqfd>
Without CW, it's only CB ! KNOW code - not - NO code !

The best thing to hit the Internet in years - Juno SpeedBand!
Surf the Web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Wed, 18 Feb 2004 15:53:13 PST
From: James R Giammanco <n5ib@juno.com>
To: qrp-l@Lehigh.edu
Subject: [168355] HB - type 73 ferrite
Message-ID: <20040218.184035.7623.1.n5ib@juno.com>

I happened into about a dozen unmarked, 2" diameter toroid cores. A bit of caliper work, an inductance check, and some calculating using Murph's "Ham Calc" yields a relative permeability of about 2600, so it looks pretty likely they are 73 mix or similar.

Some old Amidon data sheets I have show 73 mix as a "below 50 MHz" material. About 1.5 times the saturation flux density as 43 mix, but about 8 times worse temperature stability.

What's the collective wisdom of the group on the suitability of these for choke balun service at HF?

72

Jim N5IB

The best thing to hit the Internet in years - Juno SpeedBand!
Surf the Web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Wed, 18 Feb 2004 15:54:35 -0800
From: "Andreas Junge - ARRL.NET" <n6nu@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168356] FW: The future of QRP-L
Message-ID: <HPEPKMGBOBPNPFCOKLJGCEJJFHAA.n6nu@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

1) Maybe this list can be moved to qth.net. There is a way to bulk-subscribe members. All it takes is the list of email addresses.

2) Maybe it is time to move this to a forum based setup?

Just thinking out loud ...

Andreas, N6NU

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of

> John Somerville

> Sent: Wednesday, February 18, 2004 3:37 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: The future of QRP-L
>
>
> Jim,
>
> Thanks for all your fine efforts.
>
> 72/73 John VE7CFG
>

Date: Wed, 18 Feb 2004 15:57:20 -0800 (PST)
From: Bob KB2FEL <kb2fel@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [168357] Re: The future of QRP-L
Message-ID: <20040218235720.60256.qmail@web60506.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi All,

Jim I am sorry to see the list go and I will miss it. It was fun learning a bit about each one of you who post often. It is a great place to share knowledge and experience. It is almost like having a few hundred elmers Hi. It was even more fun to meet any one of you in QSO on the air. Jim, thank you for all your work on the list.

72
Bob
KB2FEL/8
Happy Trails To U Until We Meet AGN...dit dit

PS: There is another QRP-L list on Yahoo not much posting going on.

--- Jim Eshleman <jce0@Lehigh.EDU> wrote:
> Gang,
>
> I will pull the plug on QRP-L on Feb 29. You'll
> need to find a new
> home. Between complaints of not stopping OT

> discussions soon enough and
> stopping OT discussions too soon, not allowing this
> and that, delays due
> to moderation, and to top it off, someone calls my
> employer to complain
> that I must do nothing all day but sit around and
> moderate the list.
> I'm lucky to have been employed here over 20 years
> and have superiors
> that know better and tell me "don't worry about it"
> but I don't want to
> subject them to all the crap that I put up with from
> people that would
> resort to such petty behaviour.
>
> The list will be unmoderated until the 29th. No
> one has been banned
> from the list since Chuck gave it up some time ago
> as I thought
> moderation was a better choice, but I reserve the
> right to ban anyone
> due to profanity, name-calling, and the like.
>
> It's been (mostly) fun...
>
> 73
> Jim N3VXI
>
>

Do you Yahoo!?
Yahoo! Mail SpamGuard - Read only the mail you want.
<http://antispam.yahoo.com/tools>

Date: Wed, 18 Feb 2004 18:58:13 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <forthman@shaw.ca>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [168358] Re: The future of QRP-L
Message-ID: <00b901c3f67b\$125868a0\$e738ca44@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I never knew who or where or why this was coming from, being fairly new (a year or so), but rest assured I'll miss it if no one else picks it up. I'd do it if I knew how and/or had the capabilities to do so. In the meantime, bless those who did it and also those who "might" do it!!!!

carl / kz5ca

----- Original Message -----

From: "John Somerville" <forthman@shaw.ca>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, February 18, 2004 6:37 PM

Subject: Re: The future of QRP-L

> Jim,

>

> Thanks for all your fine efforts.

>

> 72/73 John VE7CFG

>

>

Date: Wed, 18 Feb 2004 18:59:51 -0500

From: "KennyMac" <killmodell@earthlink.net>

To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>

Subject: [168359] RE: PIC-EL up and running - 2 questions

Message-ID: <000001c3f67b\$4d51c280\$1919b23f@toledopc.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="us-ascii"

Content-Transfer-Encoding: 7bit

Just ran the smoke test on my DDS...It was so cool to hear those 3 tones on my receiver. I really like the fact that I am no longer intimidated by SMT.

Time to start playing and learning :)

Very professional kitting. Kudos to the design team.

Ken KC8YYC

End of QRP-L Digest 3200
